Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063332.D
Acq On : 12 Nov 2024 19:19
Operator : RC/JU
Sample : P4802-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 12 22:37:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GCPD5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	101398	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	488681	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	417992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	977044	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	990791	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	1053237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10820	4.825	ng/uL	0.00
4) Pyridine-d5	3.710	84	53858	7.267	ng/ul	0.00
7) Phenol-d5	7.006	99	106184	11.605	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	176794	32.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	199398	33.576	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	190607	24.578	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	115688	33.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	146116	32.907	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	299281	34.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	279695	24.643	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1035448	31.625	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1087335	33.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	48865	10.900	ng/ul	0.01
60) Fluorene-d10	15.467	176	928483	33.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	227675	37.078	ng/ul	0.00
73) Anthracene-d10	17.324	188	1569975	37.387	ng/ul	0.00
81) Pyrene-d10	19.621	212	1916786	38.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1923584	37.827	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	16751	6.068	ng/uL#	91
5) Pyridine	3.728	79	58133	7.687	ng/ul	97
6) Benzaldehyde	6.971	77	198455	39.245	ng/ul	96
8) Phenol	7.036	94	115608	11.594	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.259	93	213787	31.526	ng/ul	92
12) 2-Chlorophenol	7.400	128	202152	31.822	ng/ul	98
13) 2-Methylphenol	8.281	108	197852	27.165	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	303787	35.443	ng/ul	96
16) Acetophenone	8.651	105	394627	31.604	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.640	70	228844	31.419	ng/ul	97
18) 4-Methylphenol	8.610	108	202377	24.436	ng/ul	95
19) Hexachloroethane	8.910	117	74754	29.039	ng/ul	95
22) Nitrobenzene	9.027	77	347669	32.820	ng/ul	94
23) Isophorone	9.550	82	640735	28.658	ng/ul	98
25) 2-Nitrophenol	9.738	139	145299	33.103	ng/ul	97
26) 2,4-Dimethylphenol	9.803	107	271652	28.373	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.032	93	338699	31.424	ng/ul	96
29) 2,4-Dichlorophenol	10.279	162	279198	33.987	ng/ul	95
30) Naphthalene	10.673	128	780031	31.195	ng/ul	98
32) 4-Chloroaniline	10.784	127	253477	23.334	ng/ul	98
33) Hexachlorobutadiene	10.960	225	208437	26.511	ng/ul	94
34) Caprolactam	11.536	113	18830m	5.515	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	298739	30.307	ng/ul	92
36) 2-Methylnaphthalene	12.282	142	619644	31.267	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063332.D
Acq On : 12 Nov 2024 19:19
Operator : RC/JU
Sample : P4802-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPD5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 22:37:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	610121	29.605	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.658	216	478526	32.476	ng/ul	98
40) Hexachlorocyclopentadiene	12.641	237	139152	17.295	ng/ul	98
41) 2,4,6-Trichlorophenol	12.899	196	280624	35.282	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	316149	36.655	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	905997	34.195	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	706911	34.271	ng/ul	97
45) 2-Nitroaniline	13.552	65	224056	31.843	ng/ul	98
47) Dimethylphthalate	13.928	163	950119	30.265	ng/ul#	98
48) 2,6-Dinitrotoluene	14.051	165	202544	33.715	ng/ul	98
50) Acenaphthylene	14.192	152	1082047	33.895	ng/ul	98
51) 3-Nitroaniline	14.380	138	161028	30.709	ng/ul	96
52) Acenaphthene	14.539	153	794052	34.753	ng/ul	99
53) 2,4-Dinitrophenol	14.597	184	119129	30.077	ng/ul#	84
55) 4-Nitrophenol	14.715	109	58807	10.093	ng/ul	97
56) Dibenzofuran	14.873	168	1178057	33.682	ng/ul	98
57) 2,4-Dinitrotoluene	14.844	165	305256	32.127	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.103	232	299250	33.502	ng/ul#	96
59) Diethylphthalate	15.297	149	973983	30.260	ng/ul	99
61) Fluorene	15.526	166	980693	33.130	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	605826	31.845	ng/ul	97
63) 4-Nitroaniline	15.543	138	166955	31.458	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.608	198	230566	36.181	ng/ul	97
67) N-Nitrosodiphenylamine	15.731	169	840446	38.559	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	428371	38.352	ng/ul	98
69) Hexachlorobenzene	16.530	284	436638	36.695	ng/ul	96
70) Atrazine	16.683	200	348280	29.209	ng/ul	94
71) Pentachlorophenol	16.883	266	197888	33.172	ng/ul	98
72) Phenanthrene	17.265	178	1674106	37.502	ng/ul	97
74) Anthracene	17.359	178	1647576	36.028	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	479392	37.943	ng/ul	97
76) Pentachlorobenzene	14.797	250	518803	38.506	ng/ul	97
77) Carbazole	17.629	167	1396211	36.774	ng/ul	98
78) Di-n-butylphthalate	18.193	149	1616001	37.418	ng/ul	98
80) Fluoranthene	19.286	202	2061440	38.392	ng/ul#	97
82) Pyrene	19.650	202	2155650	37.875	ng/ul#	96
83) Butylbenzylphthalate	20.543	149	715899	43.040	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.378	252	487221	22.869	ng/ul	97
85) Benzo(a)anthracene	21.460	228	2359834	37.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	1039614	42.910	ng/ul	99
87) Chrysene	21.519	228	2207033	37.772	ng/ul	98
89) Di-n-octyl phthalate	22.517	149	1774840	42.762	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2360918	37.256	ng/ul	98
91) Benzo(k)fluoranthene	23.616	252	2357353	37.348	ng/ul	99
93) Benzo(a)pyrene	24.368	252	2160787	36.863	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.935	276	2712285	37.723	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.988	278	2213556	37.762	ng/ul	96
96) Benzo(g,h,i)perylene	29.004	276	2035361	37.337	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063332.D
Acq On : 12 Nov 2024 19:19
Operator : RC/JU
Sample : P4802-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 12 22:37:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GCPD5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024