Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063451.D
Acq On : 16 Nov 2024 8:14
Operator : RC/JU
Sample : PB164980BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Nov 17 05:09:39 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 :
SLCS980

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	95880	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.620	136	427581	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	338475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	833024	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.483	240	884839	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	950974	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	18308	8.634	ng/uL	0.00
4) Pyridine-d5	3.710	84	229926	32.807	ng/ul	0.00
7) Phenol-d5	7.012	99	311684	36.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	187016	36.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	221832	39.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	252740	34.465	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	114941	38.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	137476	35.385	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	272524	35.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	292880	29.492	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	858680	32.387	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	959258	36.965	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	131729	36.288	ng/ul	0.01
60) Fluorene-d10	15.467	176	775055	34.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	175312	33.486	ng/ul	0.00
73) Anthracene-d10	17.324	188	1330722	37.169	ng/ul	0.00
81) Pyrene-d10	19.621	212	1720260	38.776	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	1723250	37.532	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	35433	13.574	ng/uL#	80
5) Pyridine	3.728	79	231258	32.340	ng/ul	99
6) Benzaldehyde	6.977	77	116520	24.368	ng/ul	92
8) Phenol	7.036	94	320084	33.949	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.259	93	220076	34.322	ng/ul	88
12) 2-Chlorophenol	7.400	128	227002	37.791	ng/ul	97
13) 2-Methylphenol	8.281	108	235645	34.217	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.352	45	316678	39.074	ng/ul	96
16) Acetophenone	8.651	105	373970	31.673	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.640	70	214174	31.097	ng/ul	97
18) 4-Methylphenol	8.610	108	263387	33.633	ng/ul	98
19) Hexachloroethane	8.910	117	89812	36.896	ng/ul	94
22) Nitrobenzene	9.033	77	325971	35.169	ng/ul	96
23) Isophorone	9.550	82	592673	30.297	ng/ul	98
25) 2-Nitrophenol	9.738	139	137336	35.759	ng/ul	94
26) 2,4-Dimethylphenol	9.809	107	229787	27.430	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.032	93	324195	34.377	ng/ul	97
29) 2,4-Dichlorophenol	10.279	162	254256	35.373	ng/ul	90
30) Naphthalene	10.673	128	754534	34.488	ng/ul	99
32) 4-Chloroaniline	10.784	127	221232	23.276	ng/ul	100
33) Hexachlorobutadiene	10.961	225	209201	30.410	ng/ul	92
34) Caprolactam	11.548	113	80970m	27.103	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	276408	32.048	ng/ul	91
36) 2-Methylnaphthalene	12.283	142	540602	31.176	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	554677	30.761	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.659	216	407807	34.178	ng/ul	99
40) Hexachlorocyclopentadiene	12.635	237	143152	21.972	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.905	196	219048	34.011	ng/ul	95
42) 2,4,5-Trichlorophenol	12.982	196	236870m	33.915	ng/ul	
43) 1,1'-Biphenyl	13.299	154	786860	36.675	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	615299	36.838	ng/ul	99
45) 2-Nitroaniline	13.552	65	217181	38.118	ng/ul	96
47) Dimethylphthalate	13.928	163	790783	31.107	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	164534	33.822	ng/ul	99
50) Acenaphthylene	14.192	152	966349	37.383	ng/ul	97
51) 3-Nitroaniline	14.380	138	163039	38.396	ng/ul	99
52) Acenaphthene	14.533	153	659937	35.669	ng/ul	98
53) 2,4-Dinitrophenol	14.597	184	85717	26.726	ng/ul	88
55) 4-Nitrophenol	14.709	109	146789	31.113	ng/ul	88
56) Dibenzofuran	14.874	168	968899	34.210	ng/ul	100
57) 2,4-Dinitrotoluene	14.844	165	258464	33.593	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.103	232	212809	29.421	ng/ul#	92
59) Diethylphthalate	15.297	149	802752	30.800	ng/ul	98
61) Fluorene	15.526	166	825981	34.458	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.514	204	489037	31.745	ng/ul	96
63) 4-Nitroaniline	15.549	138	181553	42.245	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.614	198	184793	34.012	ng/ul	99
67) N-Nitrosodiphenylamine	15.731	169	705554	37.967	ng/ul	99
68) 4-Bromophenyl-phenylether	16.413	248	341253	35.834	ng/ul	97
69) Hexachlorobenzene	16.536	284	352787	34.774	ng/ul	97
70) Atrazine	16.683	200	139157	13.688	ng/ul	94
71) Pentachlorophenol	16.883	266	138750	27.280	ng/ul	92
72) Phenanthrene	17.265	178	1429020	37.546	ng/ul	99
74) Anthracene	17.359	178	1443153	37.014	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.270	216	411367	38.188	ng/ul	95
76) Pentachlorobenzene	14.797	250	404161	35.183	ng/ul	94
77) Carbazole	17.629	167	1256191	38.806	ng/ul	97
78) Di-n-butylphthalate	18.193	149	1432993	38.917	ng/ul	99
80) Fluoranthene	19.286	202	1865124	38.895	ng/ul#	96
82) Pyrene	19.650	202	1966760	38.694	ng/ul#	95
83) Butylbenzylphthalate	20.549	149	653873	44.018	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	704756	37.041	ng/ul#	98
85) Benzo(a)anthracene	21.460	228	2084289	37.240	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	935061	43.216	ng/ul	99
87) Chrysene	21.525	228	1950521	37.379	ng/ul	99
89) Di-n-octyl phthalate	22.523	149	1623140	43.312	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2107273	36.830	ng/ul#	99
91) Benzo(k)fluoranthene	23.622	252	2139560	37.542	ng/ul#	99
93) Benzo(a)pyrene	24.380	252	1905042	35.995	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.947	276	2381362	36.682	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.999	278	1966791	37.160	ng/ul#	96
96) Benzo(g,h,i)perylene	29.016	276	1817421	36.924	ng/ul	98

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

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