Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063459.D
Acq On : 16 Nov 2024 14:39
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020541

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

Quant Time: Nov 17 05:41:08 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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	111772	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	470909	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.468	164	371632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	931621	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	965897	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	1024565	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	21343	8.634	ng/uL	0.00
4) Pyridine-d5	3.704	84	155248	19.002	ng/ul	0.00
7) Phenol-d5	7.012	99	194466	19.281	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	122350	20.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	140963	21.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	163893	19.172	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	73155	22.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	87788	20.517	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	178492	21.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	212549	19.434	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	537738	18.473	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	623109	21.869	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	75077	18.837	ng/ul	0.01
60) Fluorene-d10	15.467	176	513319	20.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	108668	18.560	ng/ul	0.00
73) Anthracene-d10	17.324	188	876349	21.887	ng/ul	0.00
81) Pyrene-d10	19.621	212	1087049	22.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1047931	21.184	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	23579	7.748	ng/uL#	79
5) Pyridine	3.728	79	163401	19.602	ng/ul	97
6) Benzaldehyde	6.977	77	133941	24.029	ng/ul	95
8) Phenol	7.042	94	217933	19.828	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.259	93	149234	19.964	ng/ul	97
12) 2-Chlorophenol	7.400	128	147359	21.044	ng/ul	95
13) 2-Methylphenol	8.281	108	160157	19.949	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	213103	22.555	ng/ul#	92
16) Acetophenone	8.652	105	255856	18.589	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.634	70	140122	17.453	ng/ul	99
18) 4-Methylphenol	8.610	108	174124	19.073	ng/ul	100
19) Hexachloroethane	8.904	117	60457	21.306	ng/ul	90
22) Nitrobenzene	9.028	77	216872	21.245	ng/ul	93
23) Isophorone	9.551	82	395647	18.364	ng/ul	97
25) 2-Nitrophenol	9.739	139	91577	21.651	ng/ul#	80
26) 2,4-Dimethylphenol	9.803	107	192164	20.828	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.032	93	217451	20.937	ng/ul	94
29) 2,4-Dichlorophenol	10.279	162	169271	21.383	ng/ul	90
30) Naphthalene	10.673	128	514173	21.339	ng/ul	99
32) 4-Chloroaniline	10.784	127	202155	19.312	ng/ul	94
33) Hexachlorobutadiene	10.961	225	142551	18.815	ng/ul	97
34) Caprolactam	11.536	113	55164m	16.766	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	182851	19.250	ng/ul	93
36) 2-Methylnaphthalene	12.289	142	369465	19.346	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	380729	19.171	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.659	216	283223	21.619	ng/ul	96
40) Hexachlorocyclopentadiene	12.635	237	155520	21.740	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.900	196	157346	22.251	ng/ul	96
42) 2,4,5-Trichlorophenol	12.982	196	167097	21.791	ng/ul	89
43) 1,1'-Biphenyl	13.299	154	530727	22.530	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	413236	22.533	ng/ul	95
45) 2-Nitroaniline	13.552	65	137976	22.056	ng/ul	90
47) Dimethylphthalate	13.928	163	525579	18.830	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	112568	21.075	ng/ul	96
50) Acenaphthylene	14.192	152	626077	22.059	ng/ul	98
51) 3-Nitroaniline	14.380	138	107660	23.092	ng/ul	100
52) Acenaphthene	14.533	153	450878	22.195	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	60149	17.081	ng/ul	96
55) 4-Nitrophenol	14.709	109	87814	16.952	ng/ul	99
56) Dibenzofuran	14.874	168	655151	21.068	ng/ul	96
57) 2,4-Dinitrotoluene	14.838	165	167501	19.828	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.103	232	156858m	19.751	ng/ul	
59) Diethylphthalate	15.291	149	532121	18.595	ng/ul	98
61) Fluorene	15.520	166	552298	20.985	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	329137	19.459	ng/ul	96
63) 4-Nitroaniline	15.544	138	108271	22.945	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.608	198	118077	19.432	ng/ul	95
67) N-Nitrosodiphenylamine	15.732	169	464364	22.343	ng/ul	97
68) 4-Bromophenyl-phenylether	16.413	248	229158	21.517	ng/ul	95
69) Hexachlorobenzene	16.531	284	233729	20.600	ng/ul#	92
70) Atrazine	16.683	200	226931	19.960	ng/ul	98
71) Pentachlorophenol	16.883	266	99051	17.414	ng/ul	94
72) Phenanthrene	17.265	178	951472	22.353	ng/ul	99
74) Anthracene	17.353	178	967698	22.193	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.270	216	286854	23.811	ng/ul	99
76) Pentachlorobenzene	14.797	250	280422	21.828	ng/ul	98
77) Carbazole	17.629	167	813592	22.473	ng/ul	97
78) Di-n-butylphthalate	18.193	149	928141	22.539	ng/ul	98
80) Fluoranthene	19.286	202	1210408	23.123	ng/ul#	95
82) Pyrene	19.650	202	1268923	22.870	ng/ul#	95
83) Butylbenzylphthalate	20.549	149	410650	25.325	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.384	252	474792	22.860	ng/ul#	97
85) Benzo(a)anthracene	21.460	228	1343860	21.996	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	585514	24.790	ng/ul	98
87) Chrysene	21.525	228	1258792	22.099	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	1010626	25.031	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1326687	21.522	ng/ul#	97
91) Benzo(k)fluoranthene	23.616	252	1315398	21.423	ng/ul#	96
93) Benzo(a)pyrene	24.368	252	1224690	21.478	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.947	276	1499203	21.435	ng/ul	97
95) Dibenzo(a,h)anthracene	27.988	278	1235620	21.669	ng/ul#	94
96) Benzo(g,h,i)perylene	29.010	276	1124643	21.208	ng/ul	99

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

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