Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063347.D
Acq On : 13 Nov 2024 5:24
Operator : RC/JU
Sample : PB164897BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 13 05:12:45 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 :
SLCS897

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 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	7.833	152	112799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	502570	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.472	164	444489	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1047744	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	1065805	20.000	ng/ul	# 0.00
88) Perylene-d12	24.507	264	1116615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	14769	5.920	ng/uL	0.00
4) Pyridine-d5	3.702	84	217833	26.420	ng/ul	0.00
7) Phenol-d5	7.004	99	327021	32.129	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	181677	30.430	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	222779	33.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	270488	31.353	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	118462	33.528	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	151375	33.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	309858	34.576	ng/ul	0.00
31) 4-Chloroaniline-d4	10.759	131	326396	27.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	990767	28.456	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	1131629	33.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	148558	31.164	ng/ul	0.00
60) Fluorene-d10	15.465	176	929230	31.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	217990	33.105	ng/ul	0.00
73) Anthracene-d10	17.321	188	1501120	33.336	ng/ul	0.00
81) Pyrene-d10	19.619	212	1835519	34.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	1862157	34.541	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.332	88	27843	9.066	ng/uL#	86
5) Pyridine	3.720	79	211997	25.200	ng/ul	97
6) Benzaldehyde	6.975	77	117408	20.871	ng/ul	92
8) Phenol	7.033	94	334922	30.195	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.257	93	220324	29.207	ng/ul	92
12) 2-Chlorophenol	7.398	128	229576	32.486	ng/ul	95
13) 2-Methylphenol	8.279	108	252787	31.200	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.350	45	314587	32.994	ng/ul	95
16) Acetophenone	8.649	105	406127	29.237	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.637	70	235059	29.011	ng/ul	98
18) 4-Methylphenol	8.608	108	286854	31.136	ng/ul	99
19) Hexachloroethane	8.908	117	91866	32.080	ng/ul	93
22) Nitrobenzene	9.031	77	348402	31.980	ng/ul	99
23) Isophorone	9.548	82	648946	28.223	ng/ul	98
25) 2-Nitrophenol	9.736	139	150020	33.234	ng/ul	92
26) 2,4-Dimethylphenol	9.801	107	248311	25.218	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.036	93	343339	30.975	ng/ul	96
29) 2,4-Dichlorophenol	10.277	162	285011	33.736	ng/ul	94
30) Naphthalene	10.670	128	831193	32.323	ng/ul	100
32) 4-Chloroaniline	10.782	127	252844	22.633	ng/ul	99
33) Hexachlorobutadiene	10.958	225	243476	30.112	ng/ul	97
34) Caprolactam	11.540	113	90822m	25.865	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	308284	30.411	ng/ul	95
36) 2-Methylnaphthalene	12.286	142	629946	30.908	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	624738	29.477	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.656	216	493947	31.524	ng/ul	98
40) Hexachlorocyclopentadiene	12.639	237	161695	18.899	ng/ul	97
41) 2,4,6-Trichlorophenol	12.903	196	268370	31.730	ng/ul	98
42) 2,4,5-Trichlorophenol	12.979	196	302797	33.014	ng/ul	92
43) 1,1'-Biphenyl	13.303	154	908516	32.246	ng/ul	97
44) 2-Chloronaphthalene	13.344	162	721615	32.899	ng/ul	98
45) 2-Nitroaniline	13.549	65	239765	32.045	ng/ul	93
47) Dimethylphthalate	13.925	163	934141	27.982	ng/ul	99
48) 2,6-Dinitrotoluene	14.049	165	203075	31.788	ng/ul	98
50) Acenaphthylene	14.190	152	1123091	33.084	ng/ul#	98
51) 3-Nitroaniline	14.378	138	181500	32.549	ng/ul	97
52) Acenaphthene	14.536	153	777850	32.015	ng/ul	98
53) 2,4-Dinitrophenol	14.589	184	114663	27.224	ng/ul	93
55) 4-Nitrophenol	14.701	109	167598	27.051	ng/ul	97
56) Dibenzofuran	14.871	168	1150526	30.934	ng/ul	100
57) 2,4-Dinitrotoluene	14.842	165	297626	29.457	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.100	232	255732	26.923	ng/ul#	97
59) Diethylphthalate	15.294	149	939877	27.460	ng/ul	99
61) Fluorene	15.524	166	981155	31.169	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.518	204	590670	29.197	ng/ul	100
63) 4-Nitroaniline	15.547	138	192468	34.103	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.612	198	217775	31.868	ng/ul#	98
67) N-Nitrosodiphenylamine	15.729	169	810423	34.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.411	248	414224	34.583	ng/ul	96
69) Hexachlorobenzene	16.534	284	420129	32.925	ng/ul	99
70) Atrazine	16.681	200	170502	13.335	ng/ul	97
71) Pentachlorophenol	16.881	266	157920	24.686	ng/ul	93
72) Phenanthrene	17.263	178	1600756	33.439	ng/ul	99
74) Anthracene	17.357	178	1615323	32.939	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.267	216	514104	37.945	ng/ul	95
76) Pentachlorobenzene	14.795	250	508450	35.191	ng/ul	97
77) Carbazole	17.627	167	1337283	32.845	ng/ul	100
78) Di-n-butylphthalate	18.191	149	1543857	33.335	ng/ul	98
80) Fluoranthene	19.284	202	2012667	34.845	ng/ul	97
82) Pyrene	19.648	202	2108511	34.440	ng/ul#	96
83) Butylbenzylphthalate	20.547	149	676000	37.781	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.375	252	770389	33.615	ng/ul	98
85) Benzo(a)anthracene	21.458	228	2261964	33.552	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	977435	37.504	ng/ul	99
87) Chrysene	21.522	228	2095451	33.338	ng/ul	99
89) Di-n-octyl phthalate	22.515	149	1696416	38.552	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	2261066	33.655	ng/ul	98
91) Benzo(k)fluoranthene	23.614	252	2303260m	34.419	ng/ul	
93) Benzo(a)pyrene	24.372	252	2024771	32.582	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.927	276	2533737	33.239	ng/ul	96
95) Dibenzo(a,h)anthracene	27.985	278	2085148	33.552	ng/ul#	99
96) Benzo(g,h,i)perylene	29.002	276	1938152	33.536	ng/ul	97

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

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