Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063261.D
Acq On : 9 Nov 2024 12:20
Operator : RC/JU
Sample : P4669-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 10 01:41:12 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 :
BHK69MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.836	152	120346	20.000	ng/ul		0.00
20) Naphthalene-d8	10.627	136	559819	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.475	164	481931	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.225	188	1104242	20.000	ng/ul		0.00
79) Chrysene-d12	21.479	240	1111593	20.000	ng/ul		0.00
88) Perylene-d12	24.516	264	1159947	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.300	96	13287	4.992	ng/uL		0.00
4) Pyridine-d5	3.705	84	173738	19.750	ng/ul		0.00
7) Phenol-d5	7.013	99	340947	31.397	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	183115	28.748	ng/ul		0.00
11) 2-Chlorophenol-d4	7.372	132	227627	32.294	ng/ul		0.00
15) 4-Methylphenol-d8	8.547	113	288601	31.355	ng/ul		0.00
21) Nitrobenzene-d5	8.993	128	124185	31.554	ng/ul		0.00
24) 2-Nitrophenol-d4	9.710	143	159314	31.320	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.256	165	339015	33.961	ng/ul		0.00
31) 4-Chloroaniline-d4	10.762	131	349124	26.851	ng/ul		0.00
46) Dimethylphthalate-d6	13.882	166	1019475	27.006	ng/ul		0.00
49) Acenaphthylene-d8	14.169	160	1164464	31.516	ng/ul		0.00
54) 4-Nitrophenol-d4	14.686	143	146822	28.407	ng/ul		0.00
60) Fluorene-d10	15.468	176	965391	30.301	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	177357	25.556	ng/ul		0.00
73) Anthracene-d10	17.325	188	1509557	31.808	ng/ul		0.00
81) Pyrene-d10	19.622	212	1887358	33.865	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.310	264	1857554	33.168	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	37743	11.519	ng/uL		90
5) Pyridine	3.723	79	290735	32.392	ng/ul		97
6) Benzaldehyde	6.972	77	33515	5.584	ng/ul		99
8) Phenol	7.037	94	430787	36.402	ng/ul		95
10) Bis(2-Chloroethyl)ether	7.260	93	275409	34.219	ng/ul		92
12) 2-Chlorophenol	7.407	128	289861	38.445	ng/ul		97
13) 2-Methylphenol	8.282	108	308839	35.728	ng/ul		89
14) 2,2'-oxybis(1-Chloropr...	8.353	45	364832	35.864	ng/ul		99
16) Acetophenone	8.652	105	509858	34.403	ng/ul		97
17) N-Nitroso-di-n-propyla...	8.641	70	280918	32.496	ng/ul		99
18) 4-Methylphenol	8.611	108	352707	35.883	ng/ul		93
19) Hexachloroethane	8.911	117	115193	37.703	ng/ul		95
22) Nitrobenzene	9.034	77	435862	35.917	ng/ul		98
23) Isophorone	9.557	82	800497	31.254	ng/ul		100
25) 2-Nitrophenol	9.745	139	188424	37.473	ng/ul		89
26) 2,4-Dimethylphenol	9.804	107	313651	28.597	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.039	93	433174	35.083	ng/ul		94
29) 2,4-Dichlorophenol	10.280	162	369264	39.238	ng/ul		94
30) Naphthalene	10.674	128	1061419	37.055	ng/ul		99
32) 4-Chloroaniline	10.785	127	243005	19.528	ng/ul		97
33) Hexachlorobutadiene	10.961	225	333371	37.013	ng/ul		95
34) Caprolactam	11.549	113	108098m	27.637	ng/ul		
35) 4-Chloro-3-methylphenol	11.919	107	398471	35.287	ng/ul		90
36) 2-Methylnaphthalene	12.289	142	796421	35.080	ng/ul		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	788675	33.406	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.665	216	664893	39.137	ng/ul	97
40) Hexachlorocyclopentadiene	12.642	237	171147	18.449	ng/ul	99
41) 2,4,6-Trichlorophenol	12.900	196	367280	40.051	ng/ul	96
42) 2,4,5-Trichlorophenol	12.983	196	388007	39.018	ng/ul	89
43) 1,1'-Biphenyl	13.306	154	1122743	36.754	ng/ul	98
44) 2-Chloronaphthalene	13.347	162	886078	37.258	ng/ul	100
45) 2-Nitroaniline	13.553	65	291647	35.950	ng/ul	96
47) Dimethylphthalate	13.929	163	1103415	30.484	ng/ul	99
48) 2,6-Dinitrotoluene	14.052	165	239532	34.582	ng/ul#	97
50) Acenaphthylene	14.193	152	1350927	36.704	ng/ul	97
51) 3-Nitroaniline	14.381	138	229795	38.009	ng/ul	89
52) Acenaphthene	14.540	153	969462	36.801	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	125968m	27.585	ng/ul	
55) 4-Nitrophenol	14.704	109	208900	31.098	ng/ul	95
56) Dibenzofuran	14.874	168	1436374	35.619	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	352078	32.139	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	372899	36.208	ng/ul#	96
59) Diethylphthalate	15.298	149	1125485	30.328	ng/ul	98
61) Fluorene	15.527	166	1189716	34.859	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.521	204	748593	34.129	ng/ul	97
63) 4-Nitroaniline	15.550	138	241246	39.425	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.615	198	239232	33.217	ng/ul#	97
67) N-Nitrosodiphenylamine	15.732	169	987328	40.080	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	507855	40.230	ng/ul	99
69) Hexachlorobenzene	16.537	284	518396	38.547	ng/ul	96
70) Atrazine	16.690	200	456962	33.909	ng/ul	97
71) Pentachlorophenol	16.884	266	252062	37.387	ng/ul	95
72) Phenanthrene	17.266	178	1924647	38.148	ng/ul	99
74) Anthracene	17.360	178	1894037	36.646	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.270	216	644360	45.125	ng/ul	98
76) Pentachlorobenzene	14.798	250	650563	42.723	ng/ul	98
77) Carbazole	17.630	167	1603361	37.365	ng/ul	98
78) Di-n-butylphthalate	18.194	149	1794276	36.760	ng/ul	99
80) Fluoranthene	19.287	202	2359463	39.167	ng/ul#	98
82) Pyrene	19.651	202	2438491	38.189	ng/ul#	96
83) Butylbenzylphthalate	20.550	149	792878	42.488	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.384	252	798007	33.386	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2613771	37.174	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.379	149	1135017	41.756	ng/ul	97
87) Chrysene	21.526	228	2448214	37.346	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	1958399	42.844	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2663212	38.160	ng/ul	98
91) Benzo(k)fluoranthene	23.623	252	2651746	38.147	ng/ul	99
93) Benzo(a)pyrene	24.375	252	2457590	38.069	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.947	276	3017984	38.113	ng/ul	97
95) Dibenzo(a,h)anthracene	28.000	278	2446190	37.891	ng/ul#	98
96) Benzo(g,h,i)perylene	29.017	276	2302455	38.351	ng/ul	99

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

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