Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063385.D
Acq On : 14 Nov 2024 11:05
Operator : RC/JU
Sample : PB164920BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS920

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 14:28:47 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	7.829	152	106078	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.620	136	451464	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	389796	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1024097m	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1074423	20.000	ng/ul	0.00
88) Perylene-d12	24.510	264	1131096	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15222	6.489	ng/uL	0.00
4) Pyridine-d5	3.705	84	208151	26.845	ng/ul	0.00
7) Phenol-d5	7.007	99	282369	29.500	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	160706	28.623	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.371	132	192627	31.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	231610	28.548	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	101645	32.025	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	130854	31.899	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.244	165	260449	32.353	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	264105	25.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	876118	28.694	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	945189	31.627	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	138866	33.218	ng/ul	0.00
60) Fluorene-d10	15.467	176	801823	31.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	202442	31.454	ng/ul	0.00
73) Anthracene-d10	17.324	188	1387219	31.517	ng/ul	0.00
81) Pyrene-d10	19.621	212	1835947	34.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1783228	32.653	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	29817	10.324	ng/uL#	87
5) Pyridine	3.722	79	203432	25.714	ng/ul	93
6) Benzaldehyde	6.971	77	105386	19.921	ng/ul	96
8) Phenol	7.036	94	288650	27.672	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.253	93	192582	27.146	ng/ul#	86
12) 2-Chlorophenol	7.400	128	197596	29.733	ng/ul	98
13) 2-Methylphenol	8.276	108	210223	27.591	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.352	45	273460	30.497	ng/ul	97
16) Acetophenone	8.646	105	339848	26.016	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.634	70	197730	25.950	ng/ul	99
18) 4-Methylphenol	8.605	108	241192	27.838	ng/ul	94
19) Hexachloroethane	8.910	117	80753	29.986	ng/ul	90
22) Nitrobenzene	9.028	77	291200	29.755	ng/ul	95
23) Isophorone	9.551	82	566812	27.442	ng/ul	98
25) 2-Nitrophenol	9.739	139	130695	32.230	ng/ul	94
26) 2,4-Dimethylphenol	9.803	107	208874	23.615	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.033	93	289936	29.118	ng/ul#	94
29) 2,4-Dichlorophenol	10.273	162	235114	30.980	ng/ul	96
30) Naphthalene	10.673	128	683440	29.586	ng/ul	99
32) 4-Chloroaniline	10.785	127	207838	20.710	ng/ul	98
33) Hexachlorobutadiene	10.955	225	200712	27.633	ng/ul	96
34) Caprolactam	11.531	113	81127m	25.719	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	264088	29.000	ng/ul	95
36) 2-Methylnaphthalene	12.283	142	522904	28.560	ng/ul	99

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37) 1-Methylnaphthalene	12.506	142	520991	27.364	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.659	216	406506	29.583	ng/ul	96
40) Hexachlorocyclopentadiene	12.635	237	147926	19.715	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	220008	29.662	ng/ul	95
42) 2,4,5-Trichlorophenol	12.976	196	249186	30.981	ng/ul	100
43) 1,1'-Biphenyl	13.299	154	760362	30.774	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	598705	31.125	ng/ul	97
45) 2-Nitroaniline	13.546	65	215794	32.888	ng/ul	97
47) Dimethylphthalate	13.922	163	810358	27.680	ng/ul	97
48) 2,6-Dinitrotoluene	14.046	165	176738	31.547	ng/ul	100
50) Acenaphthylene	14.192	152	946341	31.789	ng/ul	98
51) 3-Nitroaniline	14.375	138	156729	32.051	ng/ul	100
52) Acenaphthene	14.533	153	664129	31.170	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	101993	27.614	ng/ul	95
55) 4-Nitrophenol	14.698	109	163309	30.057	ng/ul	93
56) Dibenzofuran	14.868	168	995612	30.525	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	273787	30.900	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.103	232	230603	27.684	ng/ul#	97
59) Diethylphthalate	15.297	149	845378	28.165	ng/ul	99
61) Fluorene	15.520	166	841261	30.475	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	511688	28.842	ng/ul	98
63) 4-Nitroaniline	15.544	138	181420	36.656	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.608	198	209839	31.416	ng/ul	95
67) N-Nitrosodiphenylamine	15.732	169	736963	32.258	ng/ul	97
68) 4-Bromophenyl-phenylether	16.407	248	355287	30.347	ng/ul	98
69) Hexachlorobenzene	16.531	284	378641	30.359	ng/ul	97
70) Atrazine	16.684	200	164296	13.146	ng/ul	95
71) Pentachlorophenol	16.878	266	164242m	26.267	ng/ul	
72) Phenanthrene	17.265	178	1498676m	32.029	ng/ul	
74) Anthracene	17.353	178	1494068	31.170	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	407945	30.805	ng/ul	95
76) Pentachlorobenzene	14.792	250	419772	29.724	ng/ul	98
77) Carbazole	17.630	167	1318209	33.124	ng/ul	98
78) Di-n-butylphthalate	18.188	149	1513781	33.441	ng/ul	99
80) Fluoranthene	19.286	202	1996390	34.286	ng/ul#	98
82) Pyrene	19.651	202	2079240	33.689	ng/ul#	97
83) Butylbenzylphthalate	20.544	149	676160	37.487	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.378	252	685269	29.661	ng/ul	99
85) Benzo(a)anthracene	21.460	228	2166488	31.878	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	966591	36.790	ng/ul	99
87) Chrysene	21.519	228	2033213	32.089	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1672667	37.526	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2176334	31.979	ng/ul	98
91) Benzo(k)fluoranthene	23.617	252	2187177m	32.266	ng/ul	
93) Benzo(a)pyrene	24.369	252	1949040	30.962	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.935	276	2449577	31.724	ng/ul	95
95) Dibenzo(a,h)anthracene	27.982	278	2025881	32.181	ng/ul#	98
96) Benzo(g,h,i)perylene	29.004	276	1895387	32.376	ng/ul	99

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

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