Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049374.D
Acq On : 16 Jul 2021 11:59
Operator : CG/JU
Sample : PB137651BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS651

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:04 AM

Quant Time: Jul 16 12:39:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	25719	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.887	136	109948	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	81246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.467	188	184112	20.000	ng/ul	0.00
79) Chrysene-d12	21.751	240	190240	20.000	ng/ul	0.00
88) Perylene-d12	25.035	264	206122	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	4083m	7.468	ng/uL	-0.02
4) Pyridine-d5	3.866	84	56598	35.205	ng/ul	-0.02
7) Phenol-d5	7.221	99	87196	38.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	48793	37.604	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.597	132	67352	40.734	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	71176	39.708	ng/ul	0.00
21) Nitrobenzene-d5	9.230	128	35333	41.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	40482	41.798	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	78164	41.360	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	88708	36.020	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	254229	40.688	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	294135	40.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.918	143	39229	37.931	ng/ul	0.00
60) Fluorene-d10	15.711	176	213122	40.286	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	44730	38.223	ng/ul	0.00
73) Anthracene-d10	17.567	188	352101	42.005	ng/ul	0.00
81) Pyrene-d10	19.853	212	429891	44.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.818	264	434833	40.582	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.478	88	8243	12.379	ng/uL#	93
5) Pyridine	3.889	79	63155	35.411	ng/ul	96
6) Benzaldehyde	7.197	77	61878	45.976	ng/ul	93
8) Phenol	7.250	94	87749	39.220	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.479	93	62792	37.745	ng/ul#	73
12) 2-Chlorophenol	7.626	128	64881	38.875	ng/ul	96
13) 2-Methylphenol	8.507	108	70031	41.093	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.596	45	112997	42.230	ng/ul	95
16) Acetophenone	8.895	105	116482	39.615	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.878	70	62368	41.745	ng/ul	88
18) 4-Methylphenol	8.842	108	72625	40.962	ng/ul	85
19) Hexachloroethane	9.154	117	30172	39.928	ng/ul	84
22) Nitrobenzene	9.277	77	96051	40.369	ng/ul#	97
23) Isophorone	9.806	82	170366	41.451	ng/ul	98
25) 2-Nitrophenol	9.994	139	39373	39.848	ng/ul	99
26) 2,4-Dimethylphenol	10.053	107	86943	39.739	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.282	93	90558	41.327	ng/ul	98
29) 2,4-Dichlorophenol	10.534	162	69835	40.442	ng/ul	92
30) Naphthalene	10.940	128	223883	40.841	ng/ul	97
32) 4-Chloroaniline	11.046	127	90545	37.291	ng/ul#	87
33) Hexachlorobutadiene	11.222	225	61027	41.676	ng/ul	97
34) Caprolactam	11.809	113	24028m	40.000	ng/ul	
35) 4-Chloro-3-methylphenol	12.168	107	84010	43.553	ng/ul	97
36) 2-Methylnaphthalene	12.544	142	172767	41.482	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.761	142	168533	40.690	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.908	216	104166	40.820	ng/ul#	95
40) Hexachlorocyclopentadiene	12.890	237	61900	36.525	ng/ul	96
41) 2,4,6-Trichlorophenol	13.149	196	68388	41.430	ng/ul	87
42) 2,4,5-Trichlorophenol	13.225	196	72158	41.099	ng/ul	94
43) 1,1'-Biphenyl	13.549	154	226903	41.338	ng/ul	99
44) 2-Chloronaphthalene	13.596	162	174138	40.492	ng/ul	99
45) 2-Nitroaniline	13.795	65	67039	42.518	ng/ul	94
47) Dimethylphthalate	14.165	163	239517	41.299	ng/ul#	99
48) 2,6-Dinitrotoluene	14.283	165	49850	39.912	ng/ul	91
50) Acenaphthylene	14.442	152	271147	41.586	ng/ul	99
51) 3-Nitroaniline	14.618	138	44802	39.392	ng/ul	84
52) Acenaphthene	14.782	153	190975	40.331	ng/ul	98
53) 2,4-Dinitrophenol	14.824	184	28705	36.264	ng/ul#	83
55) 4-Nitrophenol	14.929	109	52287	40.049	ng/ul	98
56) Dibenzofuran	15.117	168	277438	41.343	ng/ul	95
57) 2,4-Dinitrotoluene	15.076	165	72634	40.299	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.341	232	65201	39.603	ng/ul	92
59) Diethylphthalate	15.529	149	251752	40.383	ng/ul	99
61) Fluorene	15.764	166	236248	41.596	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.752	204	132756	42.519	ng/ul	98
63) 4-Nitroaniline	15.787	138	47238	42.308	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.840	198	45609	40.955	ng/ul#	96
67) N-Nitrosodiphenylamine	15.969	169	202134	43.122	ng/ul	97
68) 4-Bromophenyl-phenylether	16.651	248	88949	43.316	ng/ul	94
69) Hexachlorobenzene	16.774	284	101882	43.809	ng/ul	95
70) Atrazine	16.915	200	90951	42.395	ng/ul	98
71) Pentachlorophenol	17.121	266	52516	37.835	ng/ul	97
72) Phenanthrene	17.509	178	382301	42.572	ng/ul	96
74) Anthracene	17.603	178	385240	41.996	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.519	216	106809	42.525	ng/uL	99
76) Pentachlorobenzene	15.035	250	117603	44.137	ng/uL	99
77) Carbazole	17.873	167	344436	42.090	ng/ul	99
78) Di-n-butylphthalate	18.419	149	419497	40.971	ng/ul	97
80) Fluoranthene	19.518	202	488167	43.048	ng/ul	99
82) Pyrene	19.882	202	479030	42.396	ng/ul	99
83) Butylbenzylphthalate	20.758	149	190333	42.907	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.639	252	182617	41.086	ng/ul	98
85) Benzo(a)anthracene	21.727	228	493984	42.253	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.627	149	280066	43.287	ng/ul	100
87) Chrysene	21.798	228	469299	42.437	ng/ul	98
89) Di-n-octyl phthalate	22.861	149	470554	40.557	ng/ul	100
90) Benzo(b)fluoranthene	23.995	252	560692	44.094	ng/ul#	99
91) Benzo(k)fluoranthene	24.066	252	508423	41.007	ng/ul	96
93) Benzo(a)pyrene	24.888	252	480576	42.945	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.813	276	615903	42.658	ng/ul	92
95) Dibenzo(a,h)anthracene	28.878	278	515640	43.118	ng/ul	98
96) Benzo(g,h,i)perylene	29.988	276	520370	43.592	ng/ul#	93

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

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