Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049672.D
Acq On : 6 Aug 2021 10:40
Operator : CG/JU
Sample : PB138019BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS019

Manual Integrations APPROVED
mohammad
8/9/2021 12:08:50 PM

Quant Time: Aug 06 11:47:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	24385	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	101953	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.702	164	67318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	145129m	20.000	ng/ul	0.00
79) Chrysene-d12	21.733	240	136545m	20.000	ng/ul	0.00
88) Perylene-d12	25.011	264	141932	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	3949	7.571	ng/uL	0.00
4) Pyridine-d5	3.846	84	59386	37.944	ng/ul	0.00
7) Phenol-d5	7.200	99	86150	38.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	48028	37.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	62215	39.278	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	67155	39.798	ng/ul	0.01
21) Nitrobenzene-d5	9.221	128	33815	42.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	37179	40.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	68670	39.708	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	85287	36.024	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	213007	40.321	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	251153	39.960	ng/ul	0.00
54) 4-Nitrophenol-d4	14.901	143	32977	38.609	ng/ul	0.01
60) Fluorene-d10	15.694	176	179650	39.562	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	37390	38.279	ng/ul	0.00
73) Anthracene-d10	17.551	188	272084	39.717	ng/ul	0.00
81) Pyrene-d10	19.836	212	320800	42.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.788	264	310764	39.959	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	7904	12.505	ng/uL#	70
5) Pyridine	3.863	79	63538	36.616	ng/ul	97
6) Benzaldehyde	7.176	77	60416	51.224	ng/ul	85
8) Phenol	7.229	94	87439	39.880	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.458	93	59919	39.391	ng/ul	99
12) 2-Chlorophenol	7.611	128	64716	40.856	ng/ul	98
13) 2-Methylphenol	8.492	108	66221	38.573	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.575	45	66295	38.134	ng/ul	93
16) Acetophenone	8.874	105	108113	38.604	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.862	70	57533	38.213	ng/ul#	97
18) 4-Methylphenol	8.821	108	71259	39.730	ng/ul	89
19) Hexachloroethane	9.139	117	27991	39.846	ng/ul	91
22) Nitrobenzene	9.262	77	93298	39.175	ng/ul	95
23) Isophorone	9.785	82	154654	38.401	ng/ul	96
25) 2-Nitrophenol	9.979	139	36722	39.089	ng/ul#	92
26) 2,4-Dimethylphenol	10.031	107	80368	37.070	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.266	93	80989	39.692	ng/ul	99
29) 2,4-Dichlorophenol	10.513	162	66797	40.836	ng/ul	96
30) Naphthalene	10.924	128	210773	39.587	ng/ul	98
32) 4-Chloroaniline	11.030	127	83404	36.814	ng/ul	99
33) Hexachlorobutadiene	11.200	225	52659	39.192	ng/ul	92
34) Caprolactam	11.788	113	21356m	40.836	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	75335	39.741	ng/ul	98
36) 2-Methylnaphthalene	12.528	142	153554	37.665	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	151082	38.084	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.892	216	87267	41.740	ng/ul	99
40) Hexachlorocyclopentadiene	12.875	237	40938	33.198	ng/ul	96
41) 2,4,6-Trichlorophenol	13.133	196	54361	40.631	ng/ul	92
42) 2,4,5-Trichlorophenol	13.209	196	58236	40.567	ng/ul	98
43) 1,1'-Biphenyl	13.533	154	197170	39.318	ng/ul	100
44) 2-Chloronaphthalene	13.574	162	156017	39.743	ng/ul	97
45) 2-Nitroaniline	13.773	65	59653	43.164	ng/ul	96
47) Dimethylphthalate	14.149	163	209020	39.861	ng/ul	99
48) 2,6-Dinitrotoluene	14.273	165	43482	40.602	ng/ul	93
50) Acenaphthylene	14.425	152	232864	39.269	ng/ul	99
51) 3-Nitroaniline	14.602	138	43741	45.878	ng/ul#	96
52) Acenaphthene	14.766	153	168338	39.744	ng/ul	98
53) 2,4-Dinitrophenol	14.813	184	23206	39.330	ng/ul	98
55) 4-Nitrophenol	14.913	109	45288	40.544	ng/ul	92
56) Dibenzofuran	15.095	168	232442	39.558	ng/ul	93
57) 2,4-Dinitrotoluene	15.060	165	62227	40.283	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.324	232	53633	45.337	ng/ul	96
59) Diethylphthalate	15.512	149	212406	40.176	ng/ul	96
61) Fluorene	15.747	166	195749	40.966	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.735	204	104034	39.991	ng/ul	97
63) 4-Nitroaniline	15.771	138	40716	45.676	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.829	198	36064m	39.401	ng/ul	
67) N-Nitrosodiphenylamine	15.953	169	165382	41.346	ng/ul	97
68) 4-Bromophenyl-phenylether	16.634	248	70140	41.548	ng/ul	98
69) Hexachlorobenzene	16.758	284	80015	41.870	ng/ul	97
70) Atrazine	16.899	200	72182m	41.023	ng/ul	
71) Pentachlorophenol	17.098	266	38617	42.193	ng/ul	99
72) Phenanthrene	17.492	178	309458m	40.287	ng/ul	
74) Anthracene	17.586	178	311892	40.591	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.503	216	88188	41.369	ng/uL	96
76) Pentachlorobenzene	15.019	250	90346	40.187	ng/uL	95
77) Carbazole	17.856	167	271699	39.569	ng/ul	96
78) Di-n-butylphthalate	18.402	149	342051	40.744	ng/ul	99
80) Fluoranthene	19.501	202	384418	41.403	ng/ul	99
82) Pyrene	19.865	202	378943	40.920	ng/ul	99
83) Butylbenzylphthalate	20.740	149	146998	41.652	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.622	252	138900	42.968	ng/ul	98
85) Benzo(a)anthracene	21.710	228	366499m	40.881	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.604	149	217132	42.001	ng/ul	99
87) Chrysene	21.780	228	345938	41.317	ng/ul	98
89) Di-n-octyl phthalate	22.832	149	365482	41.283	ng/ul	100
90) Benzo(b)fluoranthene	23.965	252	397134	42.810	ng/ul	96
91) Benzo(k)fluoranthene	24.036	252	376927	40.921	ng/ul	98
93) Benzo(a)pyrene	24.858	252	344730	42.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.765	276	450230	42.010	ng/ul	95
95) Dibenzo(a,h)anthracene	28.829	278	360192	40.288	ng/ul#	96
96) Benzo(g,h,i)perylene	29.946	276	369245	41.431	ng/ul	97

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

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