Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049636.D
Acq On : 4 Aug 2021 13:51
Operator : CG/JU
Sample : SSTD04018
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD040418

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:41 PM

Quant Time: Aug 04 14:31:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	26196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	106263	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	74342	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	160466m	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	154329	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	164849	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	8969	15.664	ng/uL	0.00
4) Pyridine-d5	3.849	84	65546	39.855	ng/ul	0.00
7) Phenol-d5	7.197	99	93529	40.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	52195	39.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	69410	41.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	70296	40.238	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	34050	41.678	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	39463	41.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	74454	42.760	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	96839	39.906	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	225712	39.636	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	268239	40.554	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	36954	39.405	ng/ul	0.00
60) Fluorene-d10	15.685	176	193022	39.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	42105	42.344	ng/ul	0.00
73) Anthracene-d10	17.548	188	299930	40.216	ng/ul	0.00
81) Pyrene-d10	19.827	212	336890	42.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	363992	42.011	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	10295	13.154	ng/uL#	86
5) Pyridine	3.866	79	73143	41.578	ng/ul	97
6) Benzaldehyde	7.173	77	62211	44.983	ng/ul#	80
8) Phenol	7.226	94	92803	40.990	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.455	93	63791	40.897	ng/ul	98
12) 2-Chlorophenol	7.602	128	68626	42.906	ng/ul	92
13) 2-Methylphenol	8.483	108	72516	42.024	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.572	45	70736	38.698	ng/ul#	90
16) Acetophenone	8.871	105	116409	41.402	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.854	70	62506	43.111	ng/ul	97
18) 4-Methylphenol	8.812	108	75267	41.462	ng/ul	82
19) Hexachloroethane	9.135	117	31219	43.327	ng/ul	94
22) Nitrobenzene	9.259	77	100811	41.327	ng/ul	99
23) Isophorone	9.782	82	168950	41.333	ng/ul	99
25) 2-Nitrophenol	9.976	139	41169	45.694	ng/ul	88
26) 2,4-Dimethylphenol	10.028	107	92189	42.933	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.263	93	87357	42.850	ng/ul	96
29) 2,4-Dichlorophenol	10.510	162	71187	41.822	ng/ul	98
30) Naphthalene	10.915	128	226032	41.295	ng/ul	99
32) 4-Chloroaniline	11.021	127	94135	40.780	ng/ul	92
33) Hexachlorobutadiene	11.197	225	55658	42.770	ng/ul	94
34) Caprolactam	11.791	113	21777m	37.618	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	81567	42.590	ng/ul	98
36) 2-Methylnaphthalene	12.525	142	165992	41.435	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	165059	40.774	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.889	216	91002	41.186	ng/ul	98
40) Hexachlorocyclopentadiene	12.866	237	52464	39.406	ng/ul	90
41) 2,4,6-Trichlorophenol	13.130	196	58114	42.799	ng/ul	92
42) 2,4,5-Trichlorophenol	13.201	196	60974	42.048	ng/ul	97
43) 1,1'-Biphenyl	13.530	154	212523	40.144	ng/ul	99
44) 2-Chloronaphthalene	13.571	162	166099	40.320	ng/ul	96
45) 2-Nitroaniline	13.770	65	61649	42.170	ng/ul	95
47) Dimethylphthalate	14.140	163	221032	39.912	ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	46236	41.834	ng/ul	95
50) Acenaphthylene	14.417	152	248704	39.373	ng/ul	98
51) 3-Nitroaniline	14.599	138	43919	39.843	ng/ul	97
52) Acenaphthene	14.757	153	179632	39.651	ng/ul	93
53) 2,4-Dinitrophenol	14.810	184	25202	45.768	ng/ul	97
55) 4-Nitrophenol	14.910	109	50317	39.568	ng/ul	94
56) Dibenzofuran	15.092	168	246927	40.366	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	68157	43.505	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.321	232	54563	41.463	ng/ul#	94
59) Diethylphthalate	15.503	149	226464	39.512	ng/ul	99
61) Fluorene	15.744	166	200031	38.519	ng/ul	85
62) 4-Chlorophenyl-phenyle...	15.732	204	109785	40.612	ng/ul	97
63) 4-Nitroaniline	15.762	138	43675	39.956	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.821	198	38990m	42.596	ng/ul	
67) N-Nitrosodiphenylamine	15.944	169	171350	40.745	ng/ul	90
68) 4-Bromophenyl-phenylether	16.631	248	71839	40.207	ng/ul	97
69) Hexachlorobenzene	16.755	284	81688	40.408	ng/ul	99
70) Atrazine	16.896	200	75299	39.204	ng/ul	94
71) Pentachlorophenol	17.095	266	39406	42.099	ng/ul	97
72) Phenanthrene	17.489	178	328813m	39.361	ng/ul	
74) Anthracene	17.583	178	331592	39.171	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.494	216	94621	43.395	ng/uL	96
76) Pentachlorobenzene	15.016	250	97313	42.181	ng/uL	95
77) Carbazole	17.847	167	294851	38.959	ng/ul	99
78) Di-n-butylphthalate	18.399	149	364161	38.694	ng/ul	99
80) Fluoranthene	19.498	202	412037	43.002	ng/ul	99
82) Pyrene	19.862	202	401948	42.251	ng/ul	99
83) Butylbenzylphthalate	20.737	149	160131	43.234	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.619	252	153370	43.251	ng/ul	99
85) Benzo(a)anthracene	21.707	228	398697	42.255	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	240037	43.669	ng/ul	98
87) Chrysene	21.771	228	371946	41.185	ng/ul	97
89) Di-n-octyl phthalate	22.829	149	399360	41.213	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	435025	42.103	ng/ul	98
91) Benzo(k)fluoranthene	24.027	252	416623	41.201	ng/ul	99
93) Benzo(a)pyrene	24.849	252	365395	40.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.744	276	489992	42.842	ng/ul	97
95) Dibenzo(a,h)anthracene	28.815	278	406126	42.910	ng/ul#	98
96) Benzo(g,h,i)perylene	29.919	276	403295	42.412	ng/ul#	98

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

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