Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082021\
Data File : BG049905.D
Acq On : 20 Aug 2021 8:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020493

Quant Time: Aug 20 10:08:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 10:07:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	24788	20.000	ng/ul	0.00
20) Naphthalene-d8	10.803	136	102213	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.639	164	70144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.394	188	164259	20.000	ng/ul	0.00
79) Chrysene-d12	21.665	240	175485	20.000	ng/ul	0.00
88) Perylene-d12	24.896	264	171527	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	3958	8.234	ng/uL	0.00
4) Pyridine-d5	3.771	84	26290	18.157	ng/ul	0.00
7) Phenol-d5	7.149	99	40103	19.052	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.308	67	21597	18.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.513	132	30723	19.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.700	113	29352	17.706	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	14680	18.525	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	17609	18.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	32207	19.137	ng/ul	0.00
31) 4-Chloroaniline-d4	10.938	131	42514	18.559	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	103821	19.340	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	123342	19.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.856	143	14282	18.389	ng/ul	0.00
60) Fluorene-d10	15.632	176	87328	19.187	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.767	200	19252	18.218	ng/ul	0.00
73) Anthracene-d10	17.494	188	145077	19.669	ng/ul	0.00
81) Pyrene-d10	19.779	212	171533	18.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.672	264	172502	18.956	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	4982	8.502	ng/uL#	78
5) Pyridine	3.789	79	29061	18.570	ng/ul	95
6) Benzaldehyde	7.120	77	28031	23.142	ng/ul	93
8) Phenol	7.178	94	38005	17.876	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.396	93	27298	18.599	ng/ul	95
12) 2-Chlorophenol	7.543	128	29675	19.067	ng/ul#	83
13) 2-Methylphenol	8.430	108	31478	19.191	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.512	45	29406	19.107	ng/ul	93
16) Acetophenone	8.812	105	51042	18.880	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.788	70	25529	18.806	ng/ul	97
18) 4-Methylphenol	8.765	108	32166	18.228	ng/ul#	74
19) Hexachloroethane	9.076	117	13213	19.399	ng/ul#	92
22) Nitrobenzene	9.193	77	41137	19.158	ng/ul	96
23) Isophorone	9.716	82	72359	18.914	ng/ul	100
25) 2-Nitrophenol	9.910	139	17358	18.921	ng/ul	96
26) 2,4-Dimethylphenol	9.975	107	37945	18.612	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.198	93	37484	18.974	ng/ul	96
29) 2,4-Dichlorophenol	10.456	162	30539	19.770	ng/ul	99
30) Naphthalene	10.856	128	96234	18.837	ng/ul	97
32) 4-Chloroaniline	10.967	127	40997	18.583	ng/ul	91
33) Hexachlorobutadiene	11.132	225	23795	19.042	ng/ul	88
34) Caprolactam	11.731	113	10374	19.172	ng/ul	93
35) 4-Chloro-3-methylphenol	12.095	107	35801	19.392	ng/ul	98
36) 2-Methylnaphthalene	12.465	142	72184	19.007	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.683	142	72327	18.868	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.836	216	39402	19.125	ng/ul#	94
40) Hexachlorocyclopentadiene	12.806	237	17031	18.471	ng/ul	98
41) 2,4,6-Trichlorophenol	13.076	196	24911	18.974	ng/ul	91
42) 2,4,5-Trichlorophenol	13.159	196	24177	17.570	ng/ul	93
43) 1,1'-Biphenyl	13.470	154	93505	19.081	ng/ul	99
44) 2-Chloronaphthalene	13.517	162	77309	19.640	ng/ul	95
45) 2-Nitroaniline	13.723	65	24773	18.537	ng/ul	96
47) Dimethylphthalate	14.087	163	102253	19.247	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	21699	19.783	ng/ul	89
50) Acenaphthylene	14.363	152	110951	19.287	ng/ul	96
51) 3-Nitroaniline	14.545	138	22143	20.921	ng/ul	93
52) Acenaphthene	14.704	153	80971	19.403	ng/ul	94
53) 2,4-Dinitrophenol	14.774	184	9299	16.599	ng/ul#	83
55) 4-Nitrophenol	14.874	109	19362	19.662	ng/ul	98
56) Dibenzofuran	15.038	168	110159	19.062	ng/ul	92
57) 2,4-Dinitrotoluene	15.009	165	31343	19.866	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.273	232	21582	18.927	ng/ul	95
59) Diethylphthalate	15.450	149	107481	19.776	ng/ul	96
61) Fluorene	15.690	166	95407	19.568	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.679	204	51380	19.917	ng/ul	99
63) 4-Nitroaniline	15.714	138	24413	23.114	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.779	198	17094	17.846	ng/ul	93
67) N-Nitrosodiphenylamine	15.896	169	83204	19.240	ng/ul	98
68) 4-Bromophenyl-phenylether	16.578	248	34723	19.109	ng/ul	98
69) Hexachlorobenzene	16.701	284	38131	18.173	ng/ul	97
70) Atrazine	16.842	200	40950	21.315	ng/ul	98
71) Pentachlorophenol	17.053	266	16521	18.594	ng/ul#	86
72) Phenanthrene	17.435	178	162578	19.854	ng/ul	98
74) Anthracene	17.523	178	167772	20.218	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.441	216	41636	18.893	ng/uL	93
76) Pentachlorobenzene	14.962	250	42838	18.345	ng/uL	94
77) Carbazole	17.799	167	147389	19.960	ng/ul	97
78) Di-n-butylphthalate	18.346	149	190759	20.199	ng/ul	98
80) Fluoranthene	19.444	202	219585	18.765	ng/ul	100
82) Pyrene	19.808	202	218842	18.873	ng/ul	99
83) Butylbenzylphthalate	20.684	149	83514	18.250	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.559	252	77873	18.720	ng/ul	98
85) Benzo(a)anthracene	21.647	228	209090	19.122	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.535	149	117890	18.759	ng/ul	97
87) Chrysene	21.712	228	195181	18.883	ng/ul	97
89) Di-n-octyl phthalate	22.746	149	192714	18.939	ng/ul	100
90) Benzo(b)fluoranthene	23.862	252	209239	19.070	ng/ul	97
91) Benzo(k)fluoranthene	23.932	252	205214	19.677	ng/ul	99
93) Benzo(a)pyrene	24.743	252	183435	19.251	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.591	276	231757	18.438	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.644	278	191770	18.225	ng/ul#	96
96) Benzo(g,h,i)perylene	29.736	276	192401	18.207	ng/ul	96

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

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