Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051634.D
Acq On : 18 Dec 2021 17:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020597

Quant Time: Dec 18 20:50:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	39211	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	159470	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	114126	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	269689	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	254518	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	260170	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	7604	8.054	ng/uL	0.00
4) Pyridine-d5	4.028	84	61732	21.640	ng/ul	-0.02
7) Phenol-d5	7.406	99	75274	21.501	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	44788	21.519	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	53209	21.852	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	57452	21.230	ng/ul	-0.01
21) Nitrobenzene-d5	9.445	128	26659	22.802	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	29975	23.453	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	59702	21.540	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	77147	21.141	ng/ul	-0.01
46) Dimethylphthalate-d6	14.303	166	183373	20.075	ng/ul	-0.01
49) Acenaphthylene-d8	14.602	160	233699	20.600	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	29014	19.532	ng/ul	0.00
60) Fluorene-d10	15.901	176	161152	19.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	29576	21.049	ng/ul	-0.01
73) Anthracene-d10	17.757	188	262050	20.369	ng/ul	0.00
81) Pyrene-d10	20.030	212	315885	20.622	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	285171	20.832	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	8413	8.538	ng/uL#	96
5) Pyridine	4.052	79	63590	22.220	ng/ul	92
6) Benzaldehyde	7.395	77	53556	24.518	ng/ul	96
8) Phenol	7.430	94	73647	21.155	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.671	93	55110	20.750	ng/ul	98
12) 2-Chlorophenol	7.829	128	53829	21.551	ng/ul	98
13) 2-Methylphenol	8.704	108	54614	20.793	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.804	45	74996	20.818	ng/ul	97
16) Acetophenone	9.098	105	88573	20.836	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.080	70	51205	20.075	ng/ul	95
18) 4-Methylphenol	9.033	108	59771	21.591	ng/ul	95
19) Hexachloroethane	9.380	117	21935	20.127	ng/ul#	80
22) Nitrobenzene	9.486	77	75190	22.110	ng/ul	97
23) Isophorone	10.015	82	138481	20.284	ng/ul	98
25) 2-Nitrophenol	10.208	139	33189	24.293	ng/ul	96
26) 2,4-Dimethylphenol	10.255	107	67702	20.568	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.490	93	74606	20.580	ng/ul	99
29) 2,4-Dichlorophenol	10.743	162	57515	21.810	ng/ul	97
30) Naphthalene	11.166	128	178253	20.748	ng/ul	98
32) 4-Chloroaniline	11.254	127	77875	20.899	ng/ul	96
33) Hexachlorobutadiene	11.454	225	45241	20.207	ng/ul	96
34) Caprolactam	12.000	113	18610	23.309	ng/ul	86
35) 4-Chloro-3-methylphenol	12.358	107	62803	21.254	ng/ul	98
36) 2-Methylnaphthalene	12.752	142	128672	20.993	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	128161	20.138	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.116	216	81437	20.515	ng/ul	97
40) Hexachlorocyclopentadiene	13.104	237	55181	19.145	ng/ul	99
41) 2,4,6-Trichlorophenol	13.345	196	51347	21.367	ng/ul	96
42) 2,4,5-Trichlorophenol	13.416	196	55952	22.216	ng/ul	99
43) 1,1'-Biphenyl	13.745	154	177287	20.280	ng/ul#	96
44) 2-Chloronaphthalene	13.792	162	138379	20.474	ng/ul	98
45) 2-Nitroaniline	13.974	65	48064	23.279	ng/ul	94
47) Dimethylphthalate	14.344	163	178298	20.105	ng/ul	100
48) 2,6-Dinitrotoluene	14.467	165	39130	23.081	ng/ul	89
50) Acenaphthylene	14.632	152	226220	20.381	ng/ul	99
51) 3-Nitroaniline	14.796	138	39218	24.192	ng/ul	99
52) Acenaphthene	14.972	153	146808	20.021	ng/ul	94
53) 2,4-Dinitrophenol	14.996	184	25845	26.372	ng/ul#	67
55) 4-Nitrophenol	15.084	109	30807	19.330	ng/ul	93
56) Dibenzofuran	15.307	168	218418	20.226	ng/ul	99
57) 2,4-Dinitrotoluene	15.249	165	55142	22.949	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.525	232	51953	21.706	ng/ul#	90
59) Diethylphthalate	15.707	149	179058	19.382	ng/ul	97
61) Fluorene	15.954	166	177799	19.982	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.942	204	98050	19.784	ng/ul	94
63) 4-Nitroaniline	15.954	138	38495	23.154	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.018	198	29688	21.514	ng/ul#	93
67) N-Nitrosodiphenylamine	16.147	169	153831	21.207	ng/ul	95
68) 4-Bromophenyl-phenylether	16.835	248	67252	24.486	ng/ul#	90
69) Hexachlorobenzene	16.964	284	74363	21.546	ng/ul#	89
70) Atrazine	17.087	200	66945	20.567	ng/ul	98
71) Pentachlorophenol	17.299	266	47165	22.304	ng/ul	93
72) Phenanthrene	17.698	178	282250	20.348	ng/ul	98
74) Anthracene	17.792	178	284775	20.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	89673	21.613	ng/uL	97
76) Pentachlorobenzene	15.231	250	85670	21.600	ng/uL	97
77) Carbazole	18.051	167	257595	20.528	ng/ul	98
78) Di-n-butylphthalate	18.603	149	303863	20.121	ng/ul	100
80) Fluoranthene	19.701	202	359903	20.469	ng/ul#	88
82) Pyrene	20.060	202	356057	20.462	ng/ul#	89
83) Butylbenzylphthalate	20.935	149	128665	22.049	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.857	252	132618	22.109	ng/ul#	94
85) Benzo(a)anthracene	21.957	228	342824	20.703	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.846	149	175546	21.476	ng/ul#	98
87) Chrysene	22.028	228	324209	20.266	ng/ul	97
89) Di-n-octyl phthalate	23.156	149	302039	21.554	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	353778	20.301	ng/ul#	94
91) Benzo(k)fluoranthene	24.430	252	338997	20.773	ng/ul#	95
93) Benzo(a)pyrene	25.306	252	338544	20.584	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.500	276	384867	21.435	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.576	278	317980	20.735	ng/ul#	93
96) Benzo(g,h,i)perylene	30.763	276	314277	20.654	ng/ul#	87

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

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