Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052119.D
Acq On : 21 Jan 2022 14:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Quant Time: Jan 21 23:32:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	25680	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.085	136	113949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	86017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.634	188	198229	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.952	240	184341	20.000	ng/ul	# 0.00
88) Perylene-d12	25.436	264	192743	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	5651	7.863	ng/uL	0.00
4) Pyridine-d5	3.994	84	44314	19.836	ng/ul	-0.01
7) Phenol-d5	7.384	99	53598	21.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	30916	19.377	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.771	132	37374	22.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	41895	21.443	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	19943	22.149	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	21923	22.015	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	44588	22.907	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	55797	20.584	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	135256	19.023	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	178843	20.824	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	19751	16.615	ng/ul	0.00
60) Fluorene-d10	15.878	176	125492	20.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	21730	17.377	ng/ul	0.00
73) Anthracene-d10	17.734	188	201787	21.459	ng/ul	0.00
81) Pyrene-d10	20.014	212	232685	21.932	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.201	264	220286	21.710	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	5941	7.165	ng/uL	94
5) Pyridine	4.018	79	43645	18.647	ng/ul	98
6) Benzaldehyde	7.366	77	37861	22.645	ng/ul	94
8) Phenol	7.413	94	54049	21.069	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.642	93	37870	20.166	ng/ul	94
12) 2-Chlorophenol	7.801	128	39831	23.529	ng/ul	91
13) 2-Methylphenol	8.682	108	41183	22.076	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.770	45	55143	19.252	ng/ul	98
16) Acetophenone	9.070	105	64942	21.060	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.046	70	37477	19.894	ng/ul	96
18) 4-Methylphenol	9.011	108	44488	22.015	ng/ul	98
19) Hexachloroethane	9.352	117	16234	22.212	ng/ul#	81
22) Nitrobenzene	9.457	77	57022	20.418	ng/ul	95
23) Isophorone	9.980	82	104597	19.810	ng/ul	99
25) 2-Nitrophenol	10.180	139	23744	21.696	ng/ul#	84
26) 2,4-Dimethylphenol	10.227	107	51246	21.580	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.462	93	53135	19.546	ng/ul	97
29) 2,4-Dichlorophenol	10.720	162	42488	22.226	ng/ul	96
30) Naphthalene	11.132	128	133220	21.575	ng/ul	96
32) 4-Chloroaniline	11.231	127	57853	20.942	ng/ul	96
33) Hexachlorobutadiene	11.419	225	33447	21.950	ng/ul	98
34) Caprolactam	11.972	113	14100	18.952	ng/ul	97
35) 4-Chloro-3-methylphenol	12.342	107	47642	21.585	ng/ul	97
36) 2-Methylnaphthalene	12.729	142	96113	21.852	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	97074	21.505	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.094	216	64591	21.714	ng/ul	98
40) Hexachlorocyclopentadiene	13.076	237	33434	16.381	ng/ul	94
41) 2,4,6-Trichlorophenol	13.323	196	41314	21.975	ng/ul	93
42) 2,4,5-Trichlorophenol	13.399	196	42916	21.175	ng/ul	98
43) 1,1'-Biphenyl	13.722	154	139002	20.932	ng/ul#	96
44) 2-Chloronaphthalene	13.769	162	106368	20.683	ng/ul	99
45) 2-Nitroaniline	13.957	65	38045	19.303	ng/ul	96
47) Dimethylphthalate	14.321	163	134529	19.189	ng/ul#	98
48) 2,6-Dinitrotoluene	14.445	165	30083	20.352	ng/ul	94
50) Acenaphthylene	14.609	152	176600	20.882	ng/ul	98
51) 3-Nitroaniline	14.780	138	28772	21.518	ng/ul	97
52) Acenaphthene	14.950	153	114514	20.365	ng/ul	93
53) 2,4-Dinitrophenol	14.985	184	14972	17.180	ng/ul	89
55) 4-Nitrophenol	15.079	109	22218	16.288	ng/ul#	84
56) Dibenzofuran	15.285	168	165274	20.237	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	42619	19.942	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.508	232	38087	20.261	ng/ul#	86
59) Diethylphthalate	15.678	149	136313	18.846	ng/ul	98
61) Fluorene	15.931	166	137110	20.147	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.913	204	76057	20.139	ng/ul	95
63) 4-Nitroaniline	15.937	138	27998	20.380	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.001	198	21235	17.762	ng/ul#	96
67) N-Nitrosodiphenylamine	16.125	169	120836	22.685	ng/ul	93
68) 4-Bromophenyl-phenylether	16.812	248	50252	21.654	ng/ul	87
69) Hexachlorobenzene	16.941	284	58684	22.801	ng/ul#	90
70) Atrazine	17.065	200	51629	20.892	ng/ul	99
71) Pentachlorophenol	17.288	266	29344	20.416	ng/ul	98
72) Phenanthrene	17.676	178	222466	21.418	ng/ul	97
74) Anthracene	17.770	178	223309	21.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	73501	24.689	ng/uL	97
76) Pentachlorobenzene	15.208	250	67648	23.346	ng/uL	99
77) Carbazole	18.034	167	192209	20.516	ng/ul	97
78) Di-n-butylphthalate	18.574	149	225893	20.397	ng/ul	99
80) Fluoranthene	19.679	202	276963	22.590	ng/ul#	91
82) Pyrene	20.043	202	271181	22.466	ng/ul#	88
83) Butylbenzylphthalate	20.912	149	97788	23.278	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.835	252	101863	23.938	ng/ul#	97
85) Benzo(a)anthracene	21.935	228	268787	22.171	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.811	149	136790	22.266	ng/ul#	97
87) Chrysene	22.005	228	253700	21.733	ng/ul	98
89) Di-n-octyl phthalate	23.115	149	232989	21.883	ng/ul	100
90) Benzo(b)fluoranthene	24.325	252	287408	22.501	ng/ul#	95
91) Benzo(k)fluoranthene	24.396	252	260249	22.036	ng/ul#	96
93) Benzo(a)pyrene	25.271	252	264242	21.859	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.454	276	302453	21.857	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.530	278	252421	21.566	ng/ul#	92
96) Benzo(g,h,i)perylene	30.705	276	242508	20.843	ng/ul#	89

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

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