Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081822\
Data File : BG054656.D
Acq On : 18 Aug 2022 17:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020577

Quant Time: Aug 18 19:05:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 03:22:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	50425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.988	136	209767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.795	164	134147	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	298720	20.000	ng/ul	0.00
79) Chrysene-d12	21.840	240	284941	20.000	ng/ul	0.00
88) Perylene-d12	25.218	264	292906	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	10289	8.071	ng/uL	0.00
4) Pyridine-d5	3.937	84	73874	19.447	ng/ul	0.00
7) Phenol-d5	7.298	99	82127	19.156	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.480	67	52828	19.258	ng/ul	0.00
11) 2-Chlorophenol-d4	7.686	132	60035	19.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.855	113	62703	19.361	ng/ul	0.00
21) Nitrobenzene-d5	9.337	128	28033	21.290	ng/ul	0.00
24) 2-Nitrophenol-d4	10.059	143	24208	20.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.594	165	60783	19.668	ng/ul	0.00
31) 4-Chloroaniline-d4	11.117	131	86567	19.512	ng/ul	0.00
46) Dimethylphthalate-d6	14.190	166	181983	19.743	ng/ul	0.00
49) Acenaphthylene-d8	14.489	160	219943	19.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.960	143	28343	19.458	ng/ul	0.00
60) Fluorene-d10	15.782	176	163653	19.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.888	200	17839	17.536	ng/ul	0.00
73) Anthracene-d10	17.639	188	254992	19.625	ng/ul	0.00
81) Pyrene-d10	19.918	212	293574	19.862	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.983	264	283423	19.704	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.549	88	11176	7.779	ng/uL	96
5) Pyridine	3.961	79	73525	19.377	ng/ul	94
6) Benzaldehyde	7.292	77	44257	21.107	ng/ul	96
8) Phenol	7.327	94	84834	19.868	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.574	93	68102	19.607	ng/ul	98
12) 2-Chlorophenol	7.721	128	64248	19.726	ng/ul	99
13) 2-Methylphenol	8.591	108	63242	19.377	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.690	45	106248	18.672	ng/ul	98
16) Acetophenone	8.990	105	99878	19.768	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.967	70	53443	19.464	ng/ul#	99
18) 4-Methylphenol	8.920	108	67969	19.955	ng/ul	98
19) Hexachloroethane	9.254	117	25907	19.527	ng/ul	88
22) Nitrobenzene	9.378	77	71249	20.579	ng/ul	93
23) Isophorone	9.901	82	145709	19.424	ng/ul	98
25) 2-Nitrophenol	10.095	139	28906	20.784	ng/ul	95
26) 2,4-Dimethylphenol	10.136	107	71447	19.193	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.383	93	89514	19.378	ng/ul	99
29) 2,4-Dichlorophenol	10.623	162	58867	19.742	ng/ul	100
30) Naphthalene	11.041	128	209012	19.329	ng/ul	100
32) 4-Chloroaniline	11.140	127	90019	19.840	ng/ul	99
33) Hexachlorobutadiene	11.317	225	43565	19.478	ng/ul	100
34) Caprolactam	11.893	113	18976	18.649	ng/ul	85
35) 4-Chloro-3-methylphenol	12.239	107	63779	19.615	ng/ul	97
36) 2-Methylnaphthalene	12.633	142	145070	19.663	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.850	142	143311	19.551	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.991	216	79917	19.575	ng/ul	97
40) Hexachlorocyclopentadiene	12.974	237	48916	18.879	ng/ul	99
41) 2,4,6-Trichlorophenol	13.226	196	47374	19.767	ng/ul	98
42) 2,4,5-Trichlorophenol	13.297	196	52067	19.954	ng/ul	98
43) 1,1'-Biphenyl	13.632	154	192618	19.888	ng/ul	99
44) 2-Chloronaphthalene	13.679	162	143313	19.528	ng/ul	97
45) 2-Nitroaniline	13.873	65	36723	21.332	ng/ul	95
47) Dimethylphthalate	14.243	163	185751	19.959	ng/ul	98
48) 2,6-Dinitrotoluene	14.360	165	32043	21.997	ng/ul	91
50) Acenaphthylene	14.519	152	244002	19.975	ng/ul	99
51) 3-Nitroaniline	14.689	138	31268	20.178	ng/ul	93
52) Acenaphthene	14.860	153	158712	19.550	ng/ul	97
53) 2,4-Dinitrophenol	14.889	184	12246	16.841	ng/ul	97
55) 4-Nitrophenol	14.977	109	23072	19.248	ng/ul	95
56) Dibenzofuran	15.189	168	220236	19.695	ng/ul	99
57) 2,4-Dinitrotoluene	15.142	165	43329	21.939	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.406	232	42719	20.339	ng/ul#	99
59) Diethylphthalate	15.600	149	184147	19.940	ng/ul	100
61) Fluorene	15.841	166	179601	19.699	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.829	204	91219	19.533	ng/ul	99
63) 4-Nitroaniline	15.847	138	29882	20.675	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.900	198	18657	17.192	ng/ul	96
67) N-Nitrosodiphenylamine	16.041	169	157509	19.522	ng/ul	98
68) 4-Bromophenyl-phenylether	16.722	248	60930	19.783	ng/ul	99
69) Hexachlorobenzene	16.834	284	68995	19.633	ng/ul	97
70) Atrazine	16.981	200	60189	19.624	ng/ul	99
71) Pentachlorophenol	17.180	266	35547	18.305	ng/ul	97
72) Phenanthrene	17.580	178	293726	19.765	ng/ul	99
74) Anthracene	17.674	178	296552	19.813	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.596	216	84723	19.730	ng/uL	96
76) Pentachlorobenzene	15.106	250	79392	19.409	ng/uL	96
77) Carbazole	17.938	167	266048	20.078	ng/ul	99
78) Di-n-butylphthalate	18.491	149	316421	20.416	ng/ul	99
80) Fluoranthene	19.584	202	366580	19.829	ng/ul	99
82) Pyrene	19.948	202	361535	19.675	ng/ul	99
83) Butylbenzylphthalate	20.829	149	128302	20.390	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.722	252	122355	19.824	ng/ul	95
85) Benzo(a)anthracene	21.816	228	346822	19.587	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.716	149	191041	20.221	ng/ul	99
87) Chrysene	21.887	228	331583	19.460	ng/ul	99
89) Di-n-octyl phthalate	22.991	149	314954	19.394	ng/ul	100
90) Benzo(b)fluoranthene	24.137	252	364764	19.715	ng/ul	99
91) Benzo(k)fluoranthene	24.208	252	336267	19.613	ng/ul	99
93) Benzo(a)pyrene	25.054	252	350132	19.698	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.096	276	404714	19.385	ng/ul	97
95) Dibenzo(a,h)anthracene	29.178	278	342652	19.413	ng/ul	100
96) Benzo(g,h,i)perylene	30.318	276	339488	19.493	ng/ul	98

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

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