Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
Data File : BG053765.D
Acq On : 31 May 2022 17:56
Operator : CG/JU
Sample : SSTD01022
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 31 23:15:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 31 23:09:35 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010422

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

06/01/2022
Supervised By :mohammad ahmed

06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	21712	20.000	ng/ul	0.00
20) Naphthalene-d8	10.913	136	84769	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.726	164	57397	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.470	188	140496	20.000	ng/ul	0.00
79) Chrysene-d12	21.747	240	159091	20.000	ng/ul	0.00
88) Perylene-d12	25.026	264	157817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.533	96	2565	4.173	ng/uL	0.00
4) Pyridine-d5	3.956	84	10382	6.766	ng/ul	0.00
7) Phenol-d5	7.247	99	15197	7.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.423	67	9843	8.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	12586	9.532	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	13042	9.258	ng/ul	0.00
21) Nitrobenzene-d5	9.256	128	4562	7.476	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	4334	6.734	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.525	165	12721	9.085	ng/ul	0.00
31) 4-Chloroaniline-d4	11.036	131	17608	9.515	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	41652	9.446	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	47670	8.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.891	143	4503	6.074	ng/ul	0.00
60) Fluorene-d10	15.713	176	37108	9.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.819	200	4178	5.843	ng/ul	0.00
73) Anthracene-d10	17.564	188	60869	9.304	ng/ul	0.00
81) Pyrene-d10	19.850	212	77379	8.694	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.797	264	74274	9.108	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	2532m	3.362	ng/uL	
5) Pyridine	3.974	79	12091	7.292	ng/ul	94
6) Benzaldehyde	7.235	77	10778	8.337	ng/ul	95
8) Phenol	7.276	94	16582	8.847	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.517	93	12883	9.112	ng/ul	92
12) 2-Chlorophenol	7.664	128	13109	9.717	ng/ul	94
13) 2-Methylphenol	8.533	108	12772	8.768	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.633	45	21939	9.546	ng/ul	98
16) Acetophenone	8.921	105	20492	9.325	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.909	70	11730m	9.156	ng/ul	
18) 4-Methylphenol	8.857	108	13601	8.962	ng/ul	98
19) Hexachloroethane	9.197	117	5779	9.654	ng/ul	84
22) Nitrobenzene	9.303	77	12409	6.960	ng/ul	99
23) Isophorone	9.832	82	29479	8.650	ng/ul	97
25) 2-Nitrophenol	10.020	139	4369	6.546	ng/ul	91
26) 2,4-Dimethylphenol	10.073	107	15541	9.397	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.314	93	17433	9.198	ng/ul#	96
29) 2,4-Dichlorophenol	10.549	162	12748	9.364	ng/ul	99
30) Naphthalene	10.966	128	41455	9.450	ng/ul	99
32) 4-Chloroaniline	11.060	127	17241	9.481	ng/ul	99
33) Hexachlorobutadiene	11.260	225	10879	9.785	ng/ul	97
34) Caprolactam	11.824	113	3218m	7.849	ng/ul	
35) 4-Chloro-3-methylphenol	12.170	107	13163	8.914	ng/ul	96
36) 2-Methylnaphthalene	12.564	142	29035	9.379	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	28246	9.012	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.928	216	19592	10.327	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	12640	9.624	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.157	196	10740	9.264	ng/ul	91
42) 2,4,5-Trichlorophenol	13.228	196	11827	9.447	ng/ul	96
43) 1,1'-Biphenyl	13.563	154	40252	9.814	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	31870	9.704	ng/ul	99
45) 2-Nitroaniline	13.792	65	5588	5.804	ng/ul	98
47) Dimethylphthalate	14.174	163	40678	9.667	ng/ul	98
48) 2,6-Dinitrotoluene	14.285	165	5151	6.757	ng/ul	95
50) Acenaphthylene	14.450	152	51593	9.970	ng/ul	99
51) 3-Nitroaniline	14.615	138	4790	6.225	ng/ul#	94
52) Acenaphthene	14.791	153	33855	10.014	ng/ul	97
53) 2,4-Dinitrophenol	14.814	184	2047	4.323	ng/ul	91
55) 4-Nitrophenol	14.902	109	4679m	5.997	ng/ul	
56) Dibenzofuran	15.120	168	48830	9.743	ng/ul	99
57) 2,4-Dinitrotoluene	15.067	165	7051	6.519	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.343	232	9826m	8.707	ng/ul	
59) Diethylphthalate	15.537	149	41923	9.837	ng/ul	98
61) Fluorene	15.772	166	40474	9.743	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.766	204	22526	10.190	ng/ul	96
63) 4-Nitroaniline	15.772	138	4929	6.514	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.831	198	3131	4.476	ng/ul#	93
67) N-Nitrosodiphenylamine	15.972	169	36890	9.711	ng/ul	98
68) 4-Bromophenyl-phenylether	16.659	248	14420	10.366	ng/ul	93
69) Hexachlorobenzene	16.777	284	16848	9.376	ng/ul	96
70) Atrazine	16.918	200	16200	10.406	ng/ul	97
71) Pentachlorophenol	17.117	266	7628	6.981	ng/ul	91
72) Phenanthrene	17.511	178	69476	9.422	ng/ul	98
74) Anthracene	17.605	178	71900	9.753	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	21103	10.085	ng/uL	95
76) Pentachlorobenzene	15.043	250	18792	9.361	ng/uL	94
77) Carbazole	17.864	167	64649	9.923	ng/ul	100
78) Di-n-butylphthalate	18.434	149	77641	10.022	ng/ul	99
80) Fluoranthene	19.515	202	90881	8.665	ng/ul	99
82) Pyrene	19.879	202	91136	8.743	ng/ul	100
83) Butylbenzylphthalate	20.766	149	33016	9.109	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.642	252	35524	9.963	ng/ul	98
85) Benzo(a)anthracene	21.730	228	96138	9.363	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.653	149	48543	9.670	ng/ul	99
87) Chrysene	21.794	228	92016	9.395	ng/ul	99
89) Di-n-octyl phthalate	22.887	149	83187	10.120	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	92769	9.103	ng/ul	97
91) Benzo(k)fluoranthene	24.051	252	90727	9.647	ng/ul	99
93) Benzo(a)pyrene	24.867	252	91079	9.467	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.763	276	103956	9.554	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	89656	9.694	ng/ul	99
96) Benzo(g,h,i)perylene	29.926	276	87269	9.488	ng/ul	96

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

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