Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
Data File : BG056216.D
Acq On : 5 Jan 2023 17:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020584

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 17:59:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	48913	20.000	ng/ul	0.00
20) Naphthalene-d8	11.162	136	195533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	162631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	407960	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	394429	20.000	ng/ul	0.00
88) Perylene-d12	25.433	264	425667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	8775	8.125	ng/uL	0.00
4) Pyridine-d5	4.064	84	69200	20.059	ng/ul	0.00
7) Phenol-d5	7.460	99	84743	19.638	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.636	67	36135	20.421	ng/ul	0.00
11) 2-Chlorophenol-d4	7.854	132	56915	19.712	ng/ul	0.00
15) 4-Methylphenol-d8	9.023	113	68251	19.850	ng/ul	0.00
21) Nitrobenzene-d5	9.505	128	29730	19.254	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	37872	18.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.774	165	77646	19.290	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	85355	18.844	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	248617	19.266	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	278349	19.636	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	37960	18.635	ng/ul	0.00
60) Fluorene-d10	15.927	176	233336	19.359	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	51208	17.865	ng/ul	0.00
73) Anthracene-d10	17.777	188	372138	19.847	ng/ul	0.00
81) Pyrene-d10	20.045	212	441882	19.148	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.198	264	436181	19.982	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	9801	8.140	ng/uL#	89
5) Pyridine	4.088	79	68019	20.141	ng/ul#	94
6) Benzaldehyde	7.454	77	31499	20.806	ng/ul	99
8) Phenol	7.490	94	84257	19.772	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.730	93	60116	20.375	ng/ul	96
12) 2-Chlorophenol	7.889	128	56347	19.847	ng/ul	97
13) 2-Methylphenol	8.759	108	64385	19.666	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.841	45	10256m	19.126	ng/ul	
16) Acetophenone	9.158	105	101733	19.230	ng/ul	90
17) N-Nitroso-di-n-propyla...	9.135	70	47951	20.462	ng/ul#	93
18) 4-Methylphenol	9.088	108	69024	19.412	ng/ul	99
19) Hexachloroethane	9.434	117	22384	20.257	ng/ul	91
22) Nitrobenzene	9.546	77	72137	20.574	ng/ul	92
23) Isophorone	10.069	82	144742	19.584	ng/ul	98
25) 2-Nitrophenol	10.263	139	37979	19.491	ng/ul	95
26) 2,4-Dimethylphenol	10.304	107	79722	19.976	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.545	93	81467	19.678	ng/ul	98
29) 2,4-Dichlorophenol	10.797	162	73421	19.347	ng/ul	98
30) Naphthalene	11.215	128	198322	19.378	ng/ul	99
32) 4-Chloroaniline	11.314	127	87869	18.988	ng/ul	94
33) Hexachlorobutadiene	11.491	225	65586	20.147	ng/ul	96
34) Caprolactam	12.061	113	22010	18.480	ng/ul	93
35) 4-Chloro-3-methylphenol	12.401	107	70576	18.956	ng/ul	96
36) 2-Methylnaphthalene	12.795	142	153391	19.622	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	154046	19.161	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.153	216	125802	19.982	ng/ul	99
40) Hexachlorocyclopentadiene	13.130	237	74935	17.509	ng/ul	95
41) 2,4,6-Trichlorophenol	13.383	196	79041	19.774	ng/ul	99
42) 2,4,5-Trichlorophenol	13.459	196	83996	19.320	ng/ul	99
43) 1,1'-Biphenyl	13.782	154	229515	19.608	ng/ul	97
44) 2-Chloronaphthalene	13.835	162	187616	19.542	ng/ul	97
45) 2-Nitroaniline	14.023	65	35334	19.286	ng/ul	91
47) Dimethylphthalate	14.381	163	242553	19.018	ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	51220	19.127	ng/ul	97
50) Acenaphthylene	14.669	152	276603	19.265	ng/ul	99
51) 3-Nitroaniline	14.834	138	37999	18.737	ng/ul	86
52) Acenaphthene	15.004	153	195548	19.682	ng/ul	98
53) 2,4-Dinitrophenol	15.039	184	29359	15.331	ng/ul#	86
55) 4-Nitrophenol	15.122	109	35484	18.622	ng/ul	98
56) Dibenzofuran	15.339	168	295026	19.208	ng/ul	95
57) 2,4-Dinitrotoluene	15.286	165	72018	18.873	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.557	232	80209	19.055	ng/ul	100
59) Diethylphthalate	15.727	149	224428	18.926	ng/ul	99
61) Fluorene	15.980	166	238564	19.287	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.968	204	148252	19.168	ng/ul	98
63) 4-Nitroaniline	15.991	138	33487	18.048	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.050	198	47451	17.344	ng/ul	99
67) N-Nitrosodiphenylamine	16.179	169	211581	19.435	ng/ul	98
68) 4-Bromophenyl-phenylether	16.861	248	102746	19.634	ng/ul	97
69) Hexachlorobenzene	16.984	284	100406	19.377	ng/ul	96
70) Atrazine	17.108	200	96632	19.473	ng/ul	98
71) Pentachlorophenol	17.325	266	56994	17.245	ng/ul	95
72) Phenanthrene	17.725	178	409244	19.675	ng/ul	99
74) Anthracene	17.813	178	413144	19.564	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.753	216	125778	20.456	ng/uL	99
76) Pentachlorobenzene	15.257	250	125202	19.901	ng/uL	98
77) Carbazole	18.077	167	344886	19.896	ng/ul	99
78) Di-n-butylphthalate	18.606	149	356619	19.496	ng/ul	99
80) Fluoranthene	19.710	202	524272	19.210	ng/ul	100
82) Pyrene	20.069	202	522369	19.138	ng/ul	99
83) Butylbenzylphthalate	20.933	149	150765	18.833	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.855	252	184043	19.734	ng/ul	97
85) Benzo(a)anthracene	21.955	228	528411	19.428	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	219946	19.001	ng/ul	99
87) Chrysene	22.025	228	493306	19.505	ng/ul	100
89) Di-n-octyl phthalate	23.112	149	376134	19.246	ng/ul	100
90) Benzo(b)fluoranthene	24.329	252	560954	19.738	ng/ul	99
91) Benzo(k)fluoranthene	24.405	252	536160	19.281	ng/ul	99
93) Benzo(a)pyrene	25.269	252	481760	19.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.405	276	633411	19.352	ng/ul	97
95) Dibenzo(a,h)anthracene	29.481	278	533133	19.490	ng/ul	99
96) Benzo(g,h,i)perylene	30.662	276	510704	19.301	ng/ul	100

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

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