Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
Data File : BG052052.D
Acq On : 18 Jan 2022 14:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 19 00:30:27 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	8.246	152	26401	20.000	ng/ul	0.00
20) Naphthalene-d8	11.083	136	112425	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.890	164	82794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	204376	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	175044	20.000	ng/ul	# 0.00
88) Perylene-d12	25.452	264	178389	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4518	6.115	ng/uL	0.00
4) Pyridine-d5	3.999	84	36487	15.886	ng/ul	0.00
7) Phenol-d5	7.382	99	46976	18.180	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	28087	17.123	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.770	132	32613	19.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	36424	18.133	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	16684	18.781	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	19728	20.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	40068	20.864	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	50726	18.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	123992	18.118	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	161358	19.519	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	20365	17.799	ng/ul	0.00
60) Fluorene-d10	15.883	176	115231	19.312	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	22274	17.276	ng/ul	0.00
73) Anthracene-d10	17.739	188	191252	19.727	ng/ul	0.00
81) Pyrene-d10	20.018	212	211163	20.961	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.205	264	183955	19.588	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	5167	6.061	ng/uL#	95
5) Pyridine	4.022	79	36026	14.972	ng/ul	94
6) Benzaldehyde	7.365	77	31423m	18.281	ng/ul	
8) Phenol	7.412	94	45436	17.227	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.647	93	32903	17.043	ng/ul	96
12) 2-Chlorophenol	7.805	128	34492	19.819	ng/ul	94
13) 2-Methylphenol	8.687	108	35064	18.283	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.769	45	46673	15.850	ng/ul#	94
16) Acetophenone	9.068	105	55103	17.382	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.045	70	31938	16.490	ng/ul	98
18) 4-Methylphenol	9.010	108	37929	18.257	ng/ul	99
19) Hexachloroethane	9.350	117	13723	18.264	ng/ul#	75
22) Nitrobenzene	9.456	77	46261	16.789	ng/ul#	96
23) Isophorone	9.985	82	86898	16.681	ng/ul	96
25) 2-Nitrophenol	10.185	139	20681	19.153	ng/ul	98
26) 2,4-Dimethylphenol	10.232	107	43566	18.595	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.461	93	47588	17.742	ng/ul	98
29) 2,4-Dichlorophenol	10.725	162	37514	19.890	ng/ul	95
30) Naphthalene	11.136	128	115312	18.928	ng/ul	97
32) 4-Chloroaniline	11.230	127	50497	18.527	ng/ul	94
33) Hexachlorobutadiene	11.424	225	27931	18.578	ng/ul	99
34) Caprolactam	11.970	113	12916	17.596	ng/ul	95
35) 4-Chloro-3-methylphenol	12.346	107	41393	19.008	ng/ul	96
36) 2-Methylnaphthalene	12.728	142	84389	19.447	ng/ul	96

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37) 1-Methylnaphthalene	12.945	142	87668	19.685	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.092	216	55432	19.361	ng/ul	93
40) Hexachlorocyclopentadiene	13.075	237	33148	16.873	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.327	196	35729	19.744	ng/ul	97
42) 2,4,5-Trichlorophenol	13.398	196	38391	19.680	ng/ul	100
43) 1,1'-Biphenyl	13.721	154	120680	18.881	ng/ul#	94
44) 2-Chloronaphthalene	13.774	162	94237	19.037	ng/ul	96
45) 2-Nitroaniline	13.962	65	34051	17.949	ng/ul	90
47) Dimethylphthalate	14.326	163	119844	17.760	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	25968	18.252	ng/ul#	91
50) Acenaphthylene	14.614	152	154713	19.006	ng/ul	97
51) 3-Nitroaniline	14.778	138	26527	20.611	ng/ul	100
52) Acenaphthene	14.955	153	102591	18.955	ng/ul	97
53) 2,4-Dinitrophenol	14.984	184	15865	18.913	ng/ul	92
55) 4-Nitrophenol	15.084	109	21503	16.377	ng/ul	92
56) Dibenzofuran	15.283	168	147909	18.816	ng/ul	98
57) 2,4-Dinitrotoluene	15.236	165	39109	19.012	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.507	232	34908	19.292	ng/ul	89
59) Diethylphthalate	15.683	149	124410	17.870	ng/ul	98
61) Fluorene	15.936	166	125237	19.119	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	69842	19.214	ng/ul	89
63) 4-Nitroaniline	15.941	138	26402	19.967	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.000	198	20875	16.935	ng/ul#	99
67) N-Nitrosodiphenylamine	16.129	169	108437	19.745	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	47796	19.977	ng/ul#	89
69) Hexachlorobenzene	16.946	284	53558	20.183	ng/ul#	89
70) Atrazine	17.069	200	47656	18.705	ng/ul	98
71) Pentachlorophenol	17.287	266	30565	20.625	ng/ul	96
72) Phenanthrene	17.680	178	205459	19.186	ng/ul	98
74) Anthracene	17.774	178	208766	19.475	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.697	216	59320	19.326	ng/uL	96
76) Pentachlorobenzene	15.213	250	62721	20.995	ng/uL	95
77) Carbazole	18.039	167	183179	18.964	ng/ul	97
78) Di-n-butylphthalate	18.579	149	209920	18.385	ng/ul	99
80) Fluoranthene	19.683	202	242408	20.822	ng/ul#	90
82) Pyrene	20.048	202	239520	20.897	ng/ul#	86
83) Butylbenzylphthalate	20.917	149	81598	20.456	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.839	252	86039	21.293	ng/ul#	96
85) Benzo(a)anthracene	21.939	228	226860	19.707	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	112848	19.344	ng/ul#	97
87) Chrysene	22.010	228	212255	19.148	ng/ul	98
89) Di-n-octyl phthalate	23.120	149	191543	19.438	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	224627	19.001	ng/ul#	95
91) Benzo(k)fluoranthene	24.406	252	217845	19.930	ng/ul#	95
93) Benzo(a)pyrene	25.282	252	212989	19.037	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.464	276	249760	19.501	ng/ul#	87
95) Dibenzo(a,h)anthracene	29.541	278	217429	20.071	ng/ul#	93
96) Benzo(g,h,i)perylene	30.727	276	212972m	19.777	ng/ul	

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

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