Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111521\
Data File : BG051040.D
Acq On : 15 Nov 2021 13:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020555

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 14:35:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 15 12:03:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	36810	20.000	ng/ul	0.00
20) Naphthalene-d8	11.058	136	169432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.859	164	114553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	235341	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	196948	20.000	ng/ul	0.01
88) Perylene-d12	25.329	264	199749	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.578	96	7446	6.529	ng/uL	0.00
4) Pyridine-d5	4.030	84	59046	17.306	ng/ul	0.02
7) Phenol-d5	7.374	99	70779	18.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	43546	17.166	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	51468	18.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.936	113	57721	18.671	ng/ul	0.01
21) Nitrobenzene-d5	9.407	128	28347	19.688	ng/ul	0.00
24) 2-Nitrophenol-d4	10.129	143	32002	19.989	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	54809	20.323	ng/ul	0.01
31) 4-Chloroaniline-d4	11.193	131	78472	19.214	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	167604	19.124	ng/ul	0.02
49) Acenaphthylene-d8	14.553	160	220185	20.165	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	29598	18.626	ng/ul	0.01
60) Fluorene-d10	15.846	176	151968	19.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	27141	19.022	ng/ul	0.01
73) Anthracene-d10	17.703	188	220663	19.832	ng/ul	0.00
81) Pyrene-d10	19.982	212	236718	18.609	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.082	264	208732	18.903	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	8374	6.685	ng/uL	95
5) Pyridine	4.054	79	61169	17.320	ng/ul	99
6) Benzaldehyde	7.368	77	54026	21.812	ng/ul	96
8) Phenol	7.403	94	73330	18.051	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.638	93	55286	18.182	ng/ul	95
12) 2-Chlorophenol	7.785	128	52604	19.037	ng/ul	95
13) 2-Methylphenol	8.666	108	54875	18.276	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.748	45	78932	16.481	ng/ul	97
16) Acetophenone	9.066	105	90894	18.926	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.042	70	53031	18.302	ng/ul	98
18) 4-Methylphenol	9.001	108	59847	18.720	ng/ul	93
19) Hexachloroethane	9.318	117	21811	18.879	ng/ul	88
22) Nitrobenzene	9.448	77	73953	18.416	ng/ul	98
23) Isophorone	9.994	82	148026	18.993	ng/ul	99
25) 2-Nitrophenol	10.164	139	32297	20.108	ng/ul	96
26) 2,4-Dimethylphenol	10.206	107	68027	19.244	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.446	93	79131	18.844	ng/ul	98
29) 2,4-Dichlorophenol	10.699	162	53339	20.276	ng/ul	95
30) Naphthalene	11.110	128	179897	19.417	ng/ul	98
32) 4-Chloroaniline	11.216	127	78436	19.342	ng/ul	99
33) Hexachlorobutadiene	11.375	225	36551	21.170	ng/ul	96
34) Caprolactam	12.127	113	19715	17.653	ng/ul	85
35) 4-Chloro-3-methylphenol	12.321	107	65274	19.424	ng/ul	97
36) 2-Methylnaphthalene	12.697	142	124282	19.690	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.920	142	126797	19.826	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.061	216	71910	21.544	ng/ul	97
40) Hexachlorocyclopentadiene	13.026	237	26856	16.755	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.296	196	48781	22.335	ng/ul	98
42) 2,4,5-Trichlorophenol	13.372	196	51247	21.855	ng/ul	98
43) 1,1'-Biphenyl	13.696	154	167202	19.969	ng/ul	97
44) 2-Chloronaphthalene	13.743	162	133372	20.327	ng/ul	98
45) 2-Nitroaniline	13.948	65	46055	17.667	ng/ul	91
47) Dimethylphthalate	14.307	163	170165	19.418	ng/ul	99
48) 2,6-Dinitrotoluene	14.430	165	35868	19.556	ng/ul	92
50) Acenaphthylene	14.583	152	216386	19.773	ng/ul	99
51) 3-Nitroaniline	14.765	138	36854	19.428	ng/ul	98
52) Acenaphthene	14.924	153	141732	19.697	ng/ul	95
53) 2,4-Dinitrophenol	14.976	184	17322	17.120	ng/ul	91
55) 4-Nitrophenol	15.070	109	27107	18.600	ng/ul	90
56) Dibenzofuran	15.253	168	202920	19.701	ng/ul	99
57) 2,4-Dinitrotoluene	15.217	165	48682	18.599	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.476	232	42002	22.793	ng/ul	96
59) Diethylphthalate	15.658	149	172281	18.367	ng/ul	99
61) Fluorene	15.905	166	156878	19.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.887	204	84944	20.010	ng/ul	94
63) 4-Nitroaniline	15.928	138	37137	19.734	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.981	198	26478	19.029	ng/ul	99
67) N-Nitrosodiphenylamine	16.099	169	139081	21.142	ng/ul	97
68) 4-Bromophenyl-phenylether	16.780	248	51456	21.980	ng/ul	94
69) Hexachlorobenzene	16.904	284	52814	21.945	ng/ul	95
70) Atrazine	17.051	200	54307	19.468	ng/ul	98
71) Pentachlorophenol	17.250	266	31221	28.257	ng/ul	95
72) Phenanthrene	17.650	178	249781	19.883	ng/ul	98
74) Anthracene	17.738	178	248579	19.721	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	75924	23.694	ng/uL	98
76) Pentachlorobenzene	15.176	250	69966	23.565	ng/uL	98
77) Carbazole	18.008	167	217070	19.214	ng/ul	98
78) Di-n-butylphthalate	18.543	149	271142	18.265	ng/ul	99
80) Fluoranthene	19.647	202	283244	18.554	ng/ul#	95
82) Pyrene	20.012	202	277534	18.606	ng/ul	94
83) Butylbenzylphthalate	20.875	149	115424	17.994	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.792	252	93480	19.490	ng/ul	98
85) Benzo(a)anthracene	21.886	228	260106	19.077	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.751	149	163790	17.789	ng/ul	97
87) Chrysene	21.957	228	249457	19.153	ng/ul	98
89) Di-n-octyl phthalate	23.026	149	283194	17.414	ng/ul	100
90) Benzo(b)fluoranthene	24.230	252	264806	18.609	ng/ul	97
91) Benzo(k)fluoranthene	24.301	252	241347	18.074	ng/ul	98
93) Benzo(a)pyrene	25.159	252	251438	18.552	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.248	276	285499	18.923	ng/ul	98
95) Dibenzo(a,h)anthracene	29.307	278	243725	19.092	ng/ul	96
96) Benzo(g,h,i)perylene	30.476	276	238812m	18.910	ng/ul	

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

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