Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054053.D
Acq On : 24 Jun 2022 18:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020573

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022

Quant Time: Jun 24 23:54:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	25693	20.000	ng/ul	0.00
20) Naphthalene-d8	10.879	136	116474	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	91329	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	238120	20.000	ng/ul	0.00
79) Chrysene-d12	21.713	240	258501	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	259633	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.494	96	4195	7.769	ng/uL	-0.01
4) Pyridine-d5	3.905	84	30222	20.577	ng/ul	-0.01
7) Phenol-d5	7.230	99	41538	22.567	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	25093	22.599	ng/ul	0.00
11) 2-Chlorophenol-d4	7.606	132	31556	21.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	36563	23.297	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	16627	19.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	18747	20.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	41543	20.441	ng/ul	0.00
31) 4-Chloroaniline-d4	11.008	131	53821	20.963	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	138694	19.304	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	156022	19.970	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	20440m	20.777	ng/ul	0.00
60) Fluorene-d10	15.685	176	125860	19.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	24980	19.231	ng/ul	0.00
73) Anthracene-d10	17.542	188	208895	19.425	ng/ul	0.00
81) Pyrene-d10	19.821	212	271663	20.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	261758	19.973	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	5125	8.697	ng/uL#	82
5) Pyridine	3.928	79	31332	20.570	ng/ul	94
6) Benzaldehyde	7.207	77	24973m	26.643	ng/ul	
8) Phenol	7.254	94	44179	23.003	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.483	93	33729	23.184	ng/ul	90
12) 2-Chlorophenol	7.636	128	32603	21.755	ng/ul	97
13) 2-Methylphenol	8.511	108	34562	23.182	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.599	45	52141	24.128	ng/ul	99
16) Acetophenone	8.893	105	55561	22.891	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.875	70	28720	23.212	ng/ul	93
18) 4-Methylphenol	8.840	108	38333	24.035	ng/ul	98
19) Hexachloroethane	9.163	117	12761	20.095	ng/ul	91
22) Nitrobenzene	9.275	77	40793	19.810	ng/ul	91
23) Isophorone	9.798	82	80121	20.068	ng/ul	98
25) 2-Nitrophenol	9.992	139	19637	20.387	ng/ul	94
26) 2,4-Dimethylphenol	10.045	107	43729	20.791	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.280	93	48122	21.410	ng/ul	99
29) 2,4-Dichlorophenol	10.526	162	40888	20.118	ng/ul	97
30) Naphthalene	10.932	128	114889	19.885	ng/ul	99
32) 4-Chloroaniline	11.038	127	52650	20.679	ng/ul	99
33) Hexachlorobutadiene	11.220	225	30914	15.573	ng/ul	99
34) Caprolactam	11.784	113	12910m	21.286	ng/ul	
35) 4-Chloro-3-methylphenol	12.154	107	43932	22.478	ng/ul	99
36) 2-Methylnaphthalene	12.530	142	84937	19.872	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.747	142	86478	20.288	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.900	216	63656	17.147	ng/ul	96
40) Hexachlorocyclopentadiene	12.883	237	39801	19.117	ng/ul	96
41) 2,4,6-Trichlorophenol	13.135	196	37698	19.566	ng/ul	95
42) 2,4,5-Trichlorophenol	13.206	196	43231m	19.848	ng/ul	
43) 1,1'-Biphenyl	13.535	154	128244	20.260	ng/ul	99
44) 2-Chloronaphthalene	13.576	162	101487	19.306	ng/ul	98
45) 2-Nitroaniline	13.770	65	29690	22.451	ng/ul	97
47) Dimethylphthalate	14.146	163	134466	19.472	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	28338	20.404	ng/ul	91
50) Acenaphthylene	14.422	152	164236	20.473	ng/ul	99
51) 3-Nitroaniline	14.592	138	25258	22.403	ng/ul#	96
52) Acenaphthene	14.763	153	109344	20.412	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	13354	20.755	ng/ul#	61
55) 4-Nitrophenol	14.898	109	18334	19.012	ng/ul	90
56) Dibenzofuran	15.092	168	162359	19.808	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	41301	20.501	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	36967	19.531	ng/ul#	97
59) Diethylphthalate	15.503	149	134980	19.935	ng/ul	99
61) Fluorene	15.744	166	133074	19.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.732	204	76409	18.001	ng/ul	96
63) 4-Nitroaniline	15.750	138	25298m	23.336	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.814	198	24022	19.265	ng/ul	94
67) N-Nitrosodiphenylamine	15.944	169	120323	20.669	ng/ul	96
68) 4-Bromophenyl-phenylether	16.625	248	53559	18.108	ng/ul	99
69) Hexachlorobenzene	16.749	284	59523	17.170	ng/ul	96
70) Atrazine	16.890	200	54804	19.167	ng/ul	96
71) Pentachlorophenol	17.095	266	25664	17.466	ng/ul	95
72) Phenanthrene	17.483	178	238309	20.200	ng/ul	98
74) Anthracene	17.571	178	240818	20.255	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.499	216	69703	17.186	ng/uL	94
76) Pentachlorobenzene	15.015	250	66361	17.790	ng/uL	94
77) Carbazole	17.841	167	206770	21.094	ng/ul	98
78) Di-n-butylphthalate	18.400	149	249220	22.331	ng/ul	100
80) Fluoranthene	19.487	202	311608	20.710	ng/ul	98
82) Pyrene	19.851	202	309382	20.682	ng/ul	99
83) Butylbenzylphthalate	20.732	149	107571	23.862	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.608	252	110425	20.642	ng/ul	99
85) Benzo(a)anthracene	21.696	228	316901	19.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.602	149	155692	23.634	ng/ul	100
87) Chrysene	21.760	228	305085	19.958	ng/ul	99
89) Di-n-octyl phthalate	22.824	149	266824	23.929	ng/ul	100
90) Benzo(b)fluoranthene	23.934	252	324970	20.270	ng/ul	99
91) Benzo(k)fluoranthene	24.005	252	308073	20.069	ng/ul	99
93) Benzo(a)pyrene	24.816	252	315407	20.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.688	276	360207	19.387	ng/ul	99
95) Dibenzo(a,h)anthracene	28.752	278	308649	19.739	ng/ul	99
96) Benzo(g,h,i)perylene	29.845	276	303758	19.363	ng/ul	99

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

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