Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012822\
Data File : BM033922.D
Acq On : 29 Jan 2022 02:38
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020086

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 29 04:17:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 28 23:26:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	110496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	459690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.565	164	293047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.306	188	608712	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	606326	20.000	ng/ul	0.00
88) Perylene-d12	23.865	264	602924	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	23493	7.988	ng/uL	0.00
4) Pyridine-d5	3.713	84	169259	20.724	ng/ul	0.00
7) Phenol-d5	7.084	99	199940	20.146	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	124891	20.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	166267	21.913	ng/ul	0.00
15) 4-Methylphenol-d8	8.636	113	164363	20.007	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	83329	22.954	ng/ul	0.00
24) 2-Nitrophenol-d4	9.819	143	88477	22.996	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	161619	21.912	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	235230	21.454	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	507620	21.986	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	605726	22.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	83352	18.810	ng/ul	0.00
60) Fluorene-d10	15.554	176	420935	21.975	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	73931	20.418	ng/ul	0.00
73) Anthracene-d10	17.401	188	653917	22.139	ng/ul	0.00
81) Pyrene-d10	19.689	212	760768	23.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.706	264	711109	22.668	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	24851	8.095	ng/uL#	87
5) Pyridine	3.737	79	172186	20.558	ng/ul#	83
6) Benzaldehyde	7.060	77	103715	18.110	ng/ul	86
8) Phenol	7.113	94	205517	20.158	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.348	93	164289	20.688	ng/ul	91
12) 2-Chlorophenol	7.489	128	168384	21.127	ng/ul#	87
13) 2-Methylphenol	8.372	108	154478	19.705	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.460	45	224346	20.081	ng/ul#	96
16) Acetophenone	8.754	105	261773	20.253	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.742	70	132856	19.849	ng/ul	88
18) 4-Methylphenol	8.701	108	166491	19.429	ng/ul	97
19) Hexachloroethane	9.019	117	74536	22.053	ng/ul#	89
22) Nitrobenzene	9.136	77	198212	21.533	ng/ul#	91
23) Isophorone	9.666	82	360293	20.479	ng/ul	96
25) 2-Nitrophenol	9.848	139	93850	22.609	ng/ul#	83
26) 2,4-Dimethylphenol	9.913	107	203278	21.172	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.148	93	223586	21.203	ng/ul	98
29) 2,4-Dichlorophenol	10.389	162	159061	21.434	ng/ul	98
30) Naphthalene	10.795	128	553514	21.739	ng/ul	98
32) 4-Chloroaniline	10.895	127	235614	21.261	ng/ul	100
33) Hexachlorobutadiene	11.089	225	116715	22.821	ng/ul	95
34) Caprolactam	11.666	113	49151	19.367	ng/ul	78
35) 4-Chloro-3-methylphenol	12.024	107	187247	20.672	ng/ul	89
36) 2-Methylnaphthalene	12.401	142	374995	21.385	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.618	142	384785	21.301	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.771	216	198859	22.709	ng/ul	96
40) Hexachlorocyclopentadiene	12.754	237	147922	25.725	ng/ul	98
41) 2,4,6-Trichlorophenol	13.007	196	126876	22.546	ng/ul	99
42) 2,4,5-Trichlorophenol	13.077	196	132267	21.245	ng/ul	94
43) 1,1'-Biphenyl	13.407	154	508825	22.141	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	382829	22.170	ng/ul	97
45) 2-Nitroaniline	13.648	65	118334m	21.063	ng/ul	
47) Dimethylphthalate	14.024	163	494319	21.415	ng/ul	100
48) 2,6-Dinitrotoluene	14.136	165	97164	21.960	ng/ul	98
50) Acenaphthylene	14.289	152	626788	21.667	ng/ul	99
51) 3-Nitroaniline	14.465	138	62346	13.712	ng/ul	91
52) Acenaphthene	14.630	153	412805	21.678	ng/ul	95
53) 2,4-Dinitrophenol	14.671	184	49538	18.603	ng/ul	87
55) 4-Nitrophenol	14.765	109	78700	18.333	ng/ul	89
56) Dibenzofuran	14.965	168	590535	21.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.924	165	143565	21.671	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.189	232	116660	22.108	ng/ul	98
59) Diethylphthalate	15.383	149	520293	21.334	ng/ul	99
61) Fluorene	15.612	166	474630	21.397	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.607	204	240656	21.616	ng/ul	98
63) 4-Nitroaniline	15.618	138	64850	14.804	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.683	198	74128	20.371	ng/ul	95
67) N-Nitrosodiphenylamine	15.818	169	407553	22.052	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	142720	23.596	ng/ul	96
69) Hexachlorobenzene	16.618	284	162746	22.095	ng/ul	95
70) Atrazine	16.765	200	160961	21.882	ng/ul	99
71) Pentachlorophenol	16.954	266	101222	21.007	ng/ul	98
72) Phenanthrene	17.348	178	753145	21.693	ng/ul	99
74) Anthracene	17.436	178	768191	21.787	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.371	216	202231	22.084	ng/uL	97
76) Pentachlorobenzene	14.889	250	204843	23.816	ng/uL	98
77) Carbazole	17.701	167	675410	21.354	ng/ul	98
78) Di-n-butylphthalate	18.271	149	902359	22.655	ng/ul	98
80) Fluoranthene	19.353	202	887396	22.799	ng/ul	99
82) Pyrene	19.718	202	908056	22.567	ng/ul	99
83) Butylbenzylphthalate	20.606	149	404801	23.254	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.383	252	219189	16.249	ng/ul	99
85) Benzo(a)anthracene	21.453	228	869988	21.916	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	620417	22.725	ng/ul	100
87) Chrysene	21.506	228	848365	22.013	ng/ul	99
89) Di-n-octyl phthalate	22.300	149	1042576	21.086	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	877959	21.440	ng/ul	99
91) Benzo(k)fluoranthene	23.177	252	842693	22.109	ng/ul	99
93) Benzo(a)pyrene	23.759	252	851668	22.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.359	276	958090	24.859	ng/ul	97
95) Dibenzo(a,h)anthracene	26.376	278	829635	24.980	ng/ul	97
96) Benzo(g,h,i)perylene	27.129	276	799062	25.407	ng/ul	99

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

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