Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060821\
Data File : BM030321.D
Acq On : 08 Jun 2021 13:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020022

Manual Integrations APPROVED
mohammad
6/9/2021 3:52:27 PM

Quant Time: Jun 08 14:23:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 08 09:51:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	203557	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	895029	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	596306	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1232812	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1181914	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	1015040	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	39015	7.319	ng/uL	0.00
4) Pyridine-d5	3.728	84	265053	18.922	ng/ul	0.00
7) Phenol-d5	7.004	99	333770	18.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	222867	19.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	265677	20.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	270169	19.121	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	125687	20.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	126504	20.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	278006	20.975	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	397483	19.617	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	834358	20.389	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1056692	20.670	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	147247	19.223	ng/ul	0.00
60) Fluorene-d10	15.463	176	750499	20.485	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	121442	17.065	ng/ul	0.00
73) Anthracene-d10	17.310	188	1131793	20.185	ng/ul	0.00
81) Pyrene-d10	19.592	212	1229380	19.873	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1036701	20.482	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	42866	7.933	ng/uL	97
5) Pyridine	3.746	79	276909	18.725	ng/ul	94
6) Benzaldehyde	6.993	77	173490	20.924	ng/ul	96
8) Phenol	7.034	94	344008	19.198	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.269	93	282195	19.507	ng/ul	99
12) 2-Chlorophenol	7.410	128	274131	20.769	ng/ul	98
13) 2-Methylphenol	8.281	108	251411	18.868	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.375	45	452904	19.437	ng/ul	99
16) Acetophenone	8.669	105	435450	19.492	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	226785	20.886	ng/ul	98
18) 4-Methylphenol	8.610	108	280827	19.113	ng/ul	100
19) Hexachloroethane	8.928	117	112063	20.066	ng/ul	99
22) Nitrobenzene	9.045	77	324243	20.616	ng/ul	100
23) Isophorone	9.569	82	587947	20.445	ng/ul	99
25) 2-Nitrophenol	9.757	139	140512	20.846	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	313092	20.518	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.051	93	384802	20.098	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	264220	20.471	ng/ul	99
30) Naphthalene	10.692	128	906459	19.980	ng/ul	100
32) 4-Chloroaniline	10.798	127	397826	19.615	ng/ul	97
33) Hexachlorobutadiene	10.981	225	169508	20.636	ng/ul	96
34) Caprolactam	11.563	113	77187m	18.677	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	275221	20.953	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	656248	20.333	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	667776	20.384	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	346634	19.995	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	196448	17.933	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	214991	20.642	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	235692	20.774	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	859964	19.794	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	662475	19.758	ng/ul	99
45) 2-Nitroaniline	13.551	65	172083	20.531	ng/ul	99
47) Dimethylphthalate	13.927	163	818055	20.464	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	153044	21.363	ng/ul	97
50) Acenaphthylene	14.198	152	992136	20.318	ng/ul	99
51) 3-Nitroaniline	14.374	138	152508	18.672	ng/ul	97
52) Acenaphthene	14.539	153	721090	19.877	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	79865	16.706	ng/ul	99
55) 4-Nitrophenol	14.669	109	116141	19.353	ng/ul	95
56) Dibenzofuran	14.869	168	1013392	20.078	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	218192	21.535	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	191668	21.104	ng/ul	99
59) Diethylphthalate	15.292	149	819636	20.777	ng/ul	99
61) Fluorene	15.516	166	850374	20.067	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	414947	20.333	ng/ul	98
63) 4-Nitroaniline	15.527	138	148062	19.360	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	124196	17.601	ng/ul	99
67) N-Nitrosodiphenylamine	15.721	169	712624	19.623	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	236630	19.734	ng/ul	98
69) Hexachlorobenzene	16.521	284	272203	19.972	ng/ul	99
70) Atrazine	16.668	200	245924	18.869	ng/ul	98
71) Pentachlorophenol	16.857	266	149448	17.894	ng/ul	98
72) Phenanthrene	17.251	178	1317676	19.768	ng/ul	99
74) Anthracene	17.339	178	1351429	20.088	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	343497	19.364	ng/uL	98
76) Pentachlorobenzene	14.792	250	334536	19.583	ng/uL	99
77) Carbazole	17.604	167	1172003	19.615	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1313560	20.992	ng/ul	100
80) Fluoranthene	19.257	202	1511703	19.887	ng/ul	98
82) Pyrene	19.621	202	1583189	19.694	ng/ul	99
83) Butylbenzylphthalate	20.515	149	517169	20.498	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.292	252	415162	19.424	ng/ul	98
85) Benzo(a)anthracene	21.356	228	1454197	20.363	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	771631	20.161	ng/ul	100
87) Chrysene	21.409	228	1414774	20.092	ng/ul	100
89) Di-n-octyl phthalate	22.174	149	1233463	18.867	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1353336	20.742	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	1282262	20.575	ng/ul	98
93) Benzo(a)pyrene	23.556	252	1160862	20.356	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.974	276	1312559	18.701	ng/ul	97
95) Dibenzo(a,h)anthracene	25.991	278	1099191	18.601	ng/ul	98
96) Benzo(g,h,i)perylene	26.691	276	1067986	18.516	ng/ul	99

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

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