Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060221\
Data File : BM030275.D
Acq On : 03 Jun 2021 01:20
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020046

Quant Time: Jun 03 01:59:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 02 17:27:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	222039	20.00	ng/ul	0.00
20) Naphthalene-d8	10.651	136	917417	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	547591	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1021721	20.00	ng/ul	0.00
79) Chrysene-d12	21.374	240	962422	20.00	ng/ul	0.00
88) Perylene-d12	23.656	264	946999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	44086	8.13	ng/uL	0.00
4) Pyridine-d5	3.734	84	279920	18.40	ng/ul	0.00
7) Phenol-d5	7.010	99	369328	18.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	235188	19.09	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	285612	19.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	283444	18.28	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	129620	21.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	126827	22.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	284332	19.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	388909	17.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	754340	18.02	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	1007236	18.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	124564	18.41	ng/ul	0.00
60) Fluorene-d10	15.469	176	659034	18.03	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	98011	19.79	ng/ul	0.00
73) Anthracene-d10	17.310	188	952867	18.84	ng/ul	0.00
81) Pyrene-d10	19.598	212	993787	19.26	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1017198	18.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	48104	8.24	ng/uL	95
5) Pyridine	3.752	79	293484	18.79	ng/ul	99
6) Benzaldehyde	6.999	77	242768	23.30	ng/ul	98
8) Phenol	7.040	94	378884	19.10	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	306763	19.27	ng/ul	99
12) 2-Chlorophenol	7.422	128	298776	19.95	ng/ul	99
13) 2-Methylphenol	8.287	108	276149	18.42	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	493186	18.64	ng/ul	99
16) Acetophenone	8.675	105	466006	18.60	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	240560	18.20	ng/ul	98
18) 4-Methylphenol	8.616	108	304162	18.84	ng/ul	100
19) Hexachloroethane	8.940	117	121719	18.98	ng/ul	95
22) Nitrobenzene	9.051	77	337308	20.81	ng/ul	99
23) Isophorone	9.575	82	601094	17.58	ng/ul	99
25) 2-Nitrophenol	9.763	139	142841	22.18	ng/ul	97
26) 2,4-Dimethylphenol	9.816	107	327472	19.11	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	406798	19.42	ng/ul	100
29) 2,4-Dichlorophenol	10.292	162	277888	19.57	ng/ul	97
30) Naphthalene	10.698	128	960625	19.09	ng/ul	100
32) 4-Chloroaniline	10.804	127	407758	18.02	ng/ul	99
33) Hexachlorobutadiene	10.987	225	175547	18.14	ng/ul	97
34) Caprolactam	11.569	113	64955	14.98	ng/ul	98
35) 4-Chloro-3-methylphenol	11.916	107	268829	18.06	ng/ul	99
36) 2-Methylnaphthalene	12.304	142	690743	18.35	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	670870	18.34	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	350948	19.75	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	217926	17.50	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	204745	20.53	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	221984	20.58	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	862579	19.75	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	661056	19.69	ng/ul	99
45) 2-Nitroaniline	13.557	65	162954	21.13	ng/ul	95
47) Dimethylphthalate	13.933	163	757315	18.31	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	134356	20.39	ng/ul	97
50) Acenaphthylene	14.204	152	990952	19.02	ng/ul	99
51) 3-Nitroaniline	14.380	138	149455	19.46	ng/ul#	96
52) Acenaphthene	14.545	153	692433	18.81	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	106763	25.80	ng/ul	95
55) 4-Nitrophenol	14.675	109	111393	15.00	ng/ul	97
56) Dibenzofuran	14.874	168	949322	18.63	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	188846	19.76	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	173107	19.00	ng/ul	95
59) Diethylphthalate	15.292	149	727835	17.38	ng/ul	99
61) Fluorene	15.522	166	786924	18.20	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	379547	17.91	ng/ul	99
63) 4-Nitroaniline	15.533	138	154004	19.50	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.592	198	98769	19.33	ng/ul	95
67) N-Nitrosodiphenylamine	15.727	169	657706	19.74	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	215603	18.75	ng/ul	98
69) Hexachlorobenzene	16.527	284	238438	18.14	ng/ul	98
70) Atrazine	16.674	200	201045	16.82	ng/ul	99
71) Pentachlorophenol	16.863	266	130204	16.22	ng/ul	97
72) Phenanthrene	17.257	178	1156738	19.32	ng/ul	99
74) Anthracene	17.345	178	1177980	19.18	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	358533	21.51	ng/uL	98
76) Pentachlorobenzene	14.798	250	304405	19.69	ng/uL	100
77) Carbazole	17.610	167	1023987	18.40	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1082180	17.50	ng/ul	99
80) Fluoranthene	19.262	202	1232276	19.54	ng/ul	100
82) Pyrene	19.627	202	1304966	19.80	ng/ul	99
83) Butylbenzylphthalate	20.515	149	409625	18.21	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.292	252	391060	19.19	ng/ul	100
85) Benzo(a)anthracene	21.356	228	1228584	19.38	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	648163	17.95	ng/ul	100
87) Chrysene	21.409	228	1176168	19.06	ng/ul	100
89) Di-n-octyl phthalate	22.174	149	1064588	17.48	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1193373	18.80	ng/ul	100
91) Benzo(k)fluoranthene	23.009	252	1217797	19.46	ng/ul	98
93) Benzo(a)pyrene	23.556	252	1082372	19.32	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.980	276	1402641	19.99	ng/ul	97
95) Dibenzo(a,h)anthracene	25.991	278	1179088	20.10	ng/ul	98
96) Benzo(g,h,i)perylene	26.697	276	1142750	19.93	ng/ul	98

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

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