Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033149.D
Acq On : 18 Nov 2021 09:34
Operator : CG/JU
Sample : M4677-07MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AB5MS

Quant Time: Nov 18 10:22:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 14:14:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	209223	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.766	136	867802	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.589	164	551219	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	1123013	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	1024908	20.000	ng/ul	0.00
88) Perylene-d12	23.824	264	1027499	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	6006	1.107	ng/uL	0.00
4) Pyridine-d5	3.843	84	80975	5.417	ng/ul	0.00
7) Phenol-d5	7.125	99	68857	3.891	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	217523	19.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	199166	14.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.666	113	134966	9.827	ng/ul	0.00
21) Nitrobenzene-d5	9.131	128	130857	21.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	132800	21.282	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.384	165	271543	19.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.901	131	313187	16.481	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	964308	23.851	ng/ul	0.00
49) Acenaphthylene-d8	14.283	160	1161577	22.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	31411	4.769	ng/ul	0.00
60) Fluorene-d10	15.577	176	834896	23.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	146152	27.692	ng/ul	0.00
73) Anthracene-d10	17.424	188	1294276	23.909	ng/ul	0.00
81) Pyrene-d10	19.701	212	1469846	24.268	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.677	264	1341892	24.334	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	14914	2.707	ng/uL	93
5) Pyridine	3.860	79	93871	6.154	ng/ul	96
6) Benzaldehyde	7.113	77	226173	22.424	ng/ul	98
8) Phenol	7.148	94	80316	4.557	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.390	93	284535	20.324	ng/ul	99
12) 2-Chlorophenol	7.531	128	214193	15.482	ng/ul	98
13) 2-Methylphenol	8.401	108	162612	12.045	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.495	45	440532	20.374	ng/ul	100
16) Acetophenone	8.795	105	445682	20.559	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.778	70	248429	21.269	ng/ul	99
18) 4-Methylphenol	8.731	108	150137	10.608	ng/ul	100
19) Hexachloroethane	9.048	117	99503	15.787	ng/ul	93
22) Nitrobenzene	9.172	77	360085	20.709	ng/ul	99
23) Isophorone	9.701	82	681048	21.429	ng/ul	99
25) 2-Nitrophenol	9.878	139	145465	21.993	ng/ul	91
26) 2,4-Dimethylphenol	9.931	107	291968	16.801	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.178	93	391625	20.707	ng/ul	96
29) 2,4-Dichlorophenol	10.413	162	270890	19.550	ng/ul	98
30) Naphthalene	10.819	128	859645	18.629	ng/ul	99
32) 4-Chloroaniline	10.925	127	331393	17.263	ng/ul	100
33) Hexachlorobutadiene	11.095	225	179059	16.590	ng/ul	98
34) Caprolactam	11.719	113	10428	2.618	ng/ul	92
35) 4-Chloro-3-methylphenol	12.031	107	285069	18.893	ng/ul	97
36) 2-Methylnaphthalene	12.419	142	644553	20.159	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	661823	20.277	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.783	216	372432	20.308	ng/ul	98
40) Hexachlorocyclopentadiene	12.760	237	201177	15.590	ng/ul	99
41) 2,4,6-Trichlorophenol	13.019	196	258695	23.952	ng/ul	97
42) 2,4,5-Trichlorophenol	13.089	196	280270	24.200	ng/ul	99
43) 1,1'-Biphenyl	13.425	154	932247	21.706	ng/ul	100
44) 2-Chloronaphthalene	13.472	162	706962	21.345	ng/ul	99
45) 2-Nitroaniline	13.672	65	247060	28.301	ng/ul	99
47) Dimethylphthalate	14.048	163	1015284	25.765	ng/ul	99
48) 2,6-Dinitrotoluene	14.166	165	196325	29.119	ng/ul	93
50) Acenaphthylene	14.313	152	1192063	22.553	ng/ul	99
51) 3-Nitroaniline	14.495	138	176562	25.990	ng/ul#	89
52) Acenaphthene	14.654	153	789418	22.895	ng/ul	97
53) 2,4-Dinitrophenol	14.695	184	95713	27.813	ng/ul	97
55) 4-Nitrophenol	14.783	109	32038	4.763	ng/ul	94
56) Dibenzofuran	14.983	168	1179626	23.342	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	272274	29.363	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.207	232	243090	25.715	ng/ul	98
59) Diethylphthalate	15.401	149	1001883	25.384	ng/ul	98
61) Fluorene	15.630	166	957680	23.842	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.624	204	498609	23.782	ng/ul	99
63) 4-Nitroaniline	15.654	138	186635	27.940	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.707	198	148453	28.065	ng/ul	100
67) N-Nitrosodiphenylamine	15.836	169	832458	25.203	ng/ul	99
68) 4-Bromophenyl-phenylether	16.518	248	316826	25.370	ng/ul	96
69) Hexachlorobenzene	16.624	284	355103	24.820	ng/ul	98
70) Atrazine	16.789	200	281935	22.090	ng/ul	99
71) Pentachlorophenol	16.965	266	215682	26.080	ng/ul	97
72) Phenanthrene	17.365	178	1547181	24.872	ng/ul	98
74) Anthracene	17.460	178	1541757	24.715	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.389	216	388553	21.064	ng/uL	100
76) Pentachlorobenzene	14.901	250	413498	22.866	ng/uL	97
77) Carbazole	17.724	167	1378177	24.868	ng/ul	99
78) Di-n-butylphthalate	18.283	149	1714579	28.294	ng/ul	100
80) Fluoranthene	19.365	202	1803832	25.422	ng/ul	97
82) Pyrene	19.730	202	1808602	25.104	ng/ul	97
83) Butylbenzylphthalate	20.618	149	741091	30.108	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.395	252	138261	5.988	ng/ul	99
85) Benzo(a)anthracene	21.465	228	1672648	25.232	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	1071100	30.700	ng/ul	100
87) Chrysene	21.512	228	1626972	25.132	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	1778352	28.405	ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	1716371	24.803	ng/ul	100
91) Benzo(k)fluoranthene	23.159	252	1593924	25.144	ng/ul	99
93) Benzo(a)pyrene	23.724	252	1619177	24.758	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.230	276	1817947	24.962	ng/ul	96
95) Dibenzo(a,h)anthracene	26.247	278	1558494	25.013	ng/ul	99
96) Benzo(g,h,i)perylene	26.971	276	1564642	24.753	ng/ul	97

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

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