Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032448.D
Acq On : 12 Oct 2021 08:39
Operator : CG/JU
Sample : M4098-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT35MSD

Quant Time: Oct 12 09:10:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	255947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	1191188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	803320	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1641305	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1518685	20.000	ng/ul	0.00
88) Perylene-d12	23.294	264	1606476	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	28052	4.394	ng/uL	0.00
4) Pyridine-d5	3.390	84	146570	8.127	ng/ul	0.00
7) Phenol-d5	6.801	99	165771	7.617	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	398231	31.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	435195	26.189	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	308993	17.578	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	295719	35.186	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	318859	35.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.030	165	541598	30.032	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	648103	24.364	ng/ul	0.00
46) Dimethylphthalate-d6	13.666	166	2060716	37.067	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	2354108	34.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.465	143	92492	8.472	ng/ul	-0.01
60) Fluorene-d10	15.248	176	1696890	35.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	361832	38.682	ng/ul	0.00
73) Anthracene-d10	17.083	188	2673097	37.415	ng/ul	0.00
81) Pyrene-d10	19.371	212	2964283	38.798	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.165	264	2867636	35.645	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	31688	4.560	ng/uL	98
5) Pyridine	3.407	79	163600	9.173	ng/ul	97
6) Benzaldehyde	6.737	77	469984	45.874	ng/ul	98
8) Phenol	6.825	94	185193	8.400	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.031	93	575672	33.182	ng/ul	99
12) 2-Chlorophenol	7.184	128	461143	26.862	ng/ul	98
13) 2-Methylphenol	8.078	108	359334	21.253	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.148	45	714235	33.244	ng/ul	100
16) Acetophenone	8.431	105	921756	35.792	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.419	70	469804	36.947	ng/ul	97
18) 4-Methylphenol	8.401	108	347371	19.602	ng/ul	99
19) Hexachloroethane	8.695	117	216760	31.740	ng/ul	98
22) Nitrobenzene	8.807	77	674437	33.799	ng/ul	97
23) Isophorone	9.331	82	1364957	35.457	ng/ul	99
25) 2-Nitrophenol	9.519	139	338701	34.215	ng/ul	99
26) 2,4-Dimethylphenol	9.595	107	557304	26.331	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.813	93	844651	33.084	ng/ul	100
29) 2,4-Dichlorophenol	10.060	162	547643	30.848	ng/ul	100
30) Naphthalene	10.448	128	1963193	32.157	ng/ul	100
32) 4-Chloroaniline	10.560	127	687884	25.757	ng/ul	98
33) Hexachlorobutadiene	10.754	225	367031	32.046	ng/ul	98
34) Caprolactam	11.307	113	32370	5.058	ng/ul	98
35) 4-Chloro-3-methylphenol	11.701	107	604589	30.949	ng/ul	98
36) 2-Methylnaphthalene	12.066	142	1393512	33.560	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.289	142	1405038	33.230	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.454	216	730215	32.965	ng/ul	99
40) Hexachlorocyclopentadiene	12.442	237	402677	31.197	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	515393	36.332	ng/ul	99
42) 2,4,5-Trichlorophenol	12.760	196	566278	36.377	ng/ul	99
43) 1,1'-Biphenyl	13.089	154	1898266	32.958	ng/ul	99
44) 2-Chloronaphthalene	13.130	162	1467155	33.423	ng/ul	100
45) 2-Nitroaniline	13.330	65	475895	40.596	ng/ul	95
47) Dimethylphthalate	13.713	163	2061615	37.026	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	441280	42.528	ng/ul	93
50) Acenaphthylene	13.977	152	2519814	35.261	ng/ul	99
51) 3-Nitroaniline	14.160	138	446731	41.189	ng/ul	98
52) Acenaphthene	14.324	153	1643645	34.833	ng/ul	99
53) 2,4-Dinitrophenol	14.360	184	255264	38.248	ng/ul	93
55) 4-Nitrophenol	14.483	109	78755	8.938	ng/ul	95
56) Dibenzofuran	14.660	168	2378380	34.780	ng/ul	100
57) 2,4-Dinitrotoluene	14.618	165	631120	41.150	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.895	232	500506	39.590	ng/ul	97
59) Diethylphthalate	15.083	149	2111268	38.009	ng/ul	100
61) Fluorene	15.307	166	1839758	35.014	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.295	204	922100	34.744	ng/ul	98
63) 4-Nitroaniline	15.324	138	465050	46.382	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.389	198	362395	39.418	ng/ul#	94
67) N-Nitrosodiphenylamine	15.512	169	1546965	33.782	ng/ul	100
68) 4-Bromophenyl-phenylether	16.183	248	602462	38.086	ng/ul	99
69) Hexachlorobenzene	16.318	284	685280	37.610	ng/ul	98
70) Atrazine	16.459	200	652769	37.716	ng/ul	99
71) Pentachlorophenol	16.654	266	427312	38.904	ng/ul	99
72) Phenanthrene	17.030	178	3121029	36.842	ng/ul	99
74) Anthracene	17.118	178	3162781	37.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.060	216	745304	32.343	ng/uL	99
76) Pentachlorobenzene	14.589	250	789446	34.494	ng/uL	99
77) Carbazole	17.389	167	2930862	38.617	ng/ul	99
78) Di-n-butylphthalate	17.942	149	3637830	41.489	ng/ul	100
80) Fluoranthene	19.042	202	3651158	38.733	ng/ul	99
82) Pyrene	19.400	202	3639765	37.585	ng/ul	97
83) Butylbenzylphthalate	20.289	149	1630352	44.367	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.071	252	698122	25.352	ng/ul	99
85) Benzo(a)anthracene	21.142	228	3457971	37.758	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.059	149	2297801	44.980	ng/ul	99
87) Chrysene	21.189	228	3360824	37.270	ng/ul	99
89) Di-n-octyl phthalate	21.906	149	4117155	45.000	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	3694402	37.799	ng/ul	100
91) Benzo(k)fluoranthene	22.706	252	3366431	37.975	ng/ul	99
93) Benzo(a)pyrene	23.212	252	3488347	37.724	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.424	276	3620082	35.417	ng/ul	99
95) Dibenzo(a,h)anthracene	25.429	278	3143481	35.842	ng/ul	100
96) Benzo(g,h,i)perylene	26.082	276	3066491	34.284	ng/ul	100

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

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