Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032149.D
Acq On : 25 Sep 2021 12:08
Operator : CG/JU
Sample : M3919-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB6Y2MS

Quant Time: Sep 26 00:19:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 01:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	373971	20.000	ng/ul	0.00
20) Naphthalene-d8	10.460	136	1577279	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.313	164	988098	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.042	188	1989306	20.000	ng/ul	0.00
79) Chrysene-d12	21.206	240	1833642	20.000	ng/ul	0.00
88) Perylene-d12	23.371	264	1746223	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	50072	5.653	ng/uL	0.00
4) Pyridine-d5	3.413	84	302380	12.026	ng/ul	0.00
7) Phenol-d5	6.848	99	267884	9.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	622908	34.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.201	132	670523	29.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.395	113	469034	20.207	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	388348	41.222	ng/ul	0.00
24) 2-Nitrophenol-d4	9.548	143	407406	40.898	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	784562	34.453	ng/ul	0.00
31) 4-Chloroaniline-d4	10.589	131	1077804	35.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.719	166	2657343	41.393	ng/ul	0.00
49) Acenaphthylene-d8	14.007	160	3095799	37.955	ng/ul	0.00
54) 4-Nitrophenol-d4	14.507	143	119956	11.486	ng/ul	0.00
60) Fluorene-d10	15.301	176	2205422	40.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.419	200	422016	44.889	ng/ul	0.00
73) Anthracene-d10	17.136	188	3493570	42.089	ng/ul	0.00
81) Pyrene-d10	19.424	212	3910205	40.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.236	264	3405587	41.557	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	185288	19.041	ng/uL	95
5) Pyridine	3.437	79	336495	13.498	ng/ul	99
6) Benzaldehyde	6.790	77	675068	40.364	ng/ul	96
8) Phenol	6.872	94	340500	11.314	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.084	93	918115	38.290	ng/ul	97
12) 2-Chlorophenol	7.237	128	754092	31.368	ng/ul	97
13) 2-Methylphenol	8.125	108	583469	25.618	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.201	45	1194270	36.189	ng/ul	98
16) Acetophenone	8.484	105	1391369	39.548	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.478	70	693367	38.640	ng/ul	95
18) 4-Methylphenol	8.454	108	546279	22.819	ng/ul	100
19) Hexachloroethane	8.760	117	343353	34.798	ng/ul	98
22) Nitrobenzene	8.866	77	994687	40.937	ng/ul	98
23) Isophorone	9.384	82	1939220	38.339	ng/ul	99
25) 2-Nitrophenol	9.578	139	483649	42.500	ng/ul	98
26) 2,4-Dimethylphenol	9.648	107	819926	30.254	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.872	93	1253885	38.778	ng/ul	99
29) 2,4-Dichlorophenol	10.119	162	821723	36.680	ng/ul	99
30) Naphthalene	10.513	128	2906273	37.537	ng/ul	100
32) 4-Chloroaniline	10.619	127	1172497	37.343	ng/ul	99
33) Hexachlorobutadiene	10.819	225	550117	35.720	ng/ul	98
34) Caprolactam	11.342	113	42375	6.201	ng/ul	95
35) 4-Chloro-3-methylphenol	11.754	107	846315	35.076	ng/ul	99
36) 2-Methylnaphthalene	12.125	142	2108697	40.572	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.348	142	2026000	38.297	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.507	216	1083141	38.402	ng/ul	99
40)	Hexachlorocyclopentadiene	12.501	237	454356	30.059	ng/ul	99
41)	2,4,6-Trichlorophenol	12.748	196	725753	41.138	ng/ul	99
42)	2,4,5-Trichlorophenol	12.813	196	782144	41.763	ng/ul	100
43)	1,1'-Biphenyl	13.142	154	2696464	38.533	ng/ul	100
44)	2-Chloronaphthalene	13.183	162	2063209	39.080	ng/ul	100
45)	2-Nitroaniline	13.383	65	593697	49.751	ng/ul	96
47)	Dimethylphthalate	13.766	163	2795208	43.642	ng/ul	100
48)	2,6-Dinitrotoluene	13.877	165	545283	51.274	ng/ul	100
50)	Acenaphthylene	14.036	152	3171668	37.023	ng/ul	99
51)	3-Nitroaniline	14.207	138	552832	47.531	ng/ul	97
52)	Acenaphthene	14.377	153	2274787	40.819	ng/ul	100
53)	2,4-Dinitrophenol	14.407	184	280647	48.273	ng/ul	97
55)	4-Nitrophenol	14.524	109	107674	12.640	ng/ul	94
56)	Dibenzofuran	14.713	168	3271019	40.895	ng/ul	100
57)	2,4-Dinitrotoluene	14.666	165	785000	52.916	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.942	232	712424	46.629	ng/ul	99
59)	Diethylphthalate	15.130	149	2872547	45.882	ng/ul	100
61)	Fluorene	15.360	166	2565632	41.340	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.348	204	1299078	41.396	ng/ul	98
63)	4-Nitroaniline	15.371	138	546173	53.574	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.430	198	449998	48.490	ng/ul	98
67)	N-Nitrosodiphenylamine	15.560	169	2365751	42.670	ng/ul	98
68)	4-Bromophenyl-phenylether	16.236	248	823036	43.328	ng/ul	98
69)	Hexachlorobenzene	16.371	284	980687	42.467	ng/ul	99
70)	Atrazine	16.507	200	882216	45.013	ng/ul	99
71)	Pentachlorophenol	16.707	266	606286	45.707	ng/ul	100
72)	Phenanthrene	17.083	178	4281079	43.106	ng/ul	99
74)	Anthracene	17.171	178	4385786	44.060	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.119	216	1137770	37.104	ng/uL	99
76)	Pentachlorobenzene	14.648	250	1102733	37.138	ng/uL	100
77)	Carbazole	17.436	167	4046612	48.061	ng/ul	100
78)	Di-n-butylphthalate	17.995	149	4890221	50.554	ng/ul	99
80)	Fluoranthene	19.089	202	4960210	41.431	ng/ul	99
82)	Pyrene	19.454	202	5062489	41.234	ng/ul	98
83)	Butylbenzylphthalate	20.336	149	2008508	56.892	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.118	252	1366538	44.937	ng/ul	98
85)	Benzo(a)anthracene	21.189	228	4594513	44.473	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.112	149	2922398	55.916	ng/ul	98
87)	Chrysene	21.242	228	4513461	43.356	ng/ul	99
89)	Di-n-octyl phthalate	21.959	149	4881508	55.017	ng/ul	100
90)	Benzo(b)fluoranthene	22.730	252	4608823	44.689	ng/ul	99
91)	Benzo(k)fluoranthene	22.771	252	4528527	46.333	ng/ul	100
93)	Benzo(a)pyrene	23.283	252	4059941	41.691	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.535	276	4445095	44.785	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.535	278	3759463	45.670	ng/ul	99
96)	Benzo(g,h,i)perylene	26.194	276	3767703	42.827	ng/ul	99

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

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