Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032458.D
Acq On : 12 Oct 2021 14:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020074

Quant Time: Oct 12 15:13:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 12 09:54:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	265968	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	1222851	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	831939	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.983	188	1722618	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1680871	20.000	ng/ul	0.00
88) Perylene-d12	23.300	264	1737335	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	47826	7.209	ng/uL	0.00
4) Pyridine-d5	3.384	84	356982	19.049	ng/ul	0.00
7) Phenol-d5	6.801	99	436547	19.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	255465	19.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	343530	19.894	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	362415	19.840	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	174537	20.229	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	192449	20.693	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.031	165	372736	20.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	521677	19.104	ng/ul	0.00
46) Dimethylphthalate-d6	13.666	166	1147641	19.933	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	1424987	20.373	ng/ul	0.00
54) 4-Nitrophenol-d4	14.466	143	216709	19.166	ng/ul	0.00
60) Fluorene-d10	15.248	176	970156	19.868	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.365	200	187649	19.114	ng/ul	0.00
73) Anthracene-d10	17.083	188	1508383	20.116	ng/ul	0.00
81) Pyrene-d10	19.371	212	1683784	19.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.159	264	1754001	20.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	50982	7.061	ng/uL	99
5) Pyridine	3.402	79	349928	18.881	ng/ul	99
6) Benzaldehyde	6.737	77	271451	25.497	ng/ul	99
8) Phenol	6.825	94	448304	19.567	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.031	93	354866	19.684	ng/ul	99
12) 2-Chlorophenol	7.178	128	357807	20.057	ng/ul	98
13) 2-Methylphenol	8.072	108	349315	19.882	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.148	45	445741	19.966	ng/ul	99
16) Acetophenone	8.431	105	572296	21.385	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.419	70	293144	22.185	ng/ul	97
18) 4-Methylphenol	8.401	108	385502	20.934	ng/ul	99
19) Hexachloroethane	8.695	117	146577	20.654	ng/ul	98
22) Nitrobenzene	8.807	77	404585	19.751	ng/ul	97
23) Isophorone	9.325	82	830879	21.024	ng/ul	100
25) 2-Nitrophenol	9.519	139	208833	20.550	ng/ul	99
26) 2,4-Dimethylphenol	9.595	107	437061	20.115	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.813	93	519282	19.813	ng/ul	99
29) 2,4-Dichlorophenol	10.060	162	364610	20.006	ng/ul	98
30) Naphthalene	10.448	128	1219849	19.464	ng/ul	99
32) 4-Chloroaniline	10.560	127	530753	19.359	ng/ul	98
33) Hexachlorobutadiene	10.754	225	227091	19.314	ng/ul	98
34) Caprolactam	11.301	113	128907	19.621	ng/ul	96
35) 4-Chloro-3-methylphenol	11.701	107	416531	20.770	ng/ul	100
36) 2-Methylnaphthalene	12.066	142	854813	20.054	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.289	142	875419	20.168	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.448	216	447671	19.515	ng/ul	98
40) Hexachlorocyclopentadiene	12.436	237	261167	19.538	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	303020	20.626	ng/ul	98
42) 2,4,5-Trichlorophenol	12.760	196	331189	20.543	ng/ul	99
43) 1,1'-Biphenyl	13.089	154	1177129	19.735	ng/ul	99
44) 2-Chloronaphthalene	13.124	162	887435	19.521	ng/ul	100
45) 2-Nitroaniline	13.330	65	254854	20.992	ng/ul	93
47) Dimethylphthalate	13.713	163	1143828	19.836	ng/ul	100
48) 2,6-Dinitrotoluene	13.824	165	228170	21.233	ng/ul	96
50) Acenaphthylene	13.977	152	1500250	20.272	ng/ul	100
51) 3-Nitroaniline	14.154	138	244791	21.793	ng/ul	98
52) Acenaphthene	14.324	153	962055	19.687	ng/ul	99
53) 2,4-Dinitrophenol	14.360	184	124399	17.998	ng/ul	100
55) 4-Nitrophenol	14.483	109	173788	19.045	ng/ul	95
56) Dibenzofuran	14.654	168	1400648	19.778	ng/ul	99
57) 2,4-Dinitrotoluene	14.613	165	331871	20.894	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.889	232	283576	21.659	ng/ul	99
59) Diethylphthalate	15.077	149	1151453	20.017	ng/ul	100
61) Fluorene	15.301	166	1102744	20.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.295	204	551828	20.077	ng/ul	98
63) 4-Nitroaniline	15.318	138	250286	24.104	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.383	198	186884	19.368	ng/ul	97
67) N-Nitrosodiphenylamine	15.507	169	981055	20.412	ng/ul	100
68) 4-Bromophenyl-phenylether	16.183	248	335699	20.220	ng/ul	97
69) Hexachlorobenzene	16.318	284	378934	19.815	ng/ul	99
70) Atrazine	16.454	200	361012	19.874	ng/ul	97
71) Pentachlorophenol	16.654	266	235517	20.430	ng/ul	99
72) Phenanthrene	17.030	178	1783302	20.057	ng/ul	100
74) Anthracene	17.118	178	1821188	20.391	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.060	216	476780	19.713	ng/uL	99
76) Pentachlorobenzene	14.589	250	476440	19.835	ng/uL	99
77) Carbazole	17.383	167	1656205	20.792	ng/ul	99
78) Di-n-butylphthalate	17.942	149	1959692	21.295	ng/ul	100
80) Fluoranthene	19.036	202	2089788	20.030	ng/ul	99
82) Pyrene	19.400	202	2150441	20.063	ng/ul	99
83) Butylbenzylphthalate	20.289	149	873838	21.485	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.071	252	688710	22.597	ng/ul	97
85) Benzo(a)anthracene	21.136	228	2008933	19.819	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.059	149	1235855	21.858	ng/ul	99
87) Chrysene	21.189	228	1996403	20.003	ng/ul	99
89) Di-n-octyl phthalate	21.906	149	2218015	22.416	ng/ul	100
90) Benzo(b)fluoranthene	22.659	252	2187761	20.698	ng/ul	99
91) Benzo(k)fluoranthene	22.700	252	1904607	19.867	ng/ul	100
93) Benzo(a)pyrene	23.206	252	2008574	20.085	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.418	276	2086463	18.876	ng/ul	100
95) Dibenzo(a,h)anthracene	25.424	278	1809345	19.076	ng/ul	99
96) Benzo(g,h,i)perylene	26.071	276	1753866	18.132	ng/ul	99

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

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