Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032178.D
Acq On : 26 Sep 2021 06:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020065

Quant Time: Sep 26 07:46:00 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	7.660	152	388760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.454	136	1492025	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.307	164	848623	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.036	188	1592278	20.000	ng/ul	0.00
79) Chrysene-d12	21.195	240	1466868	20.000	ng/ul	0.00
88) Perylene-d12	23.359	264	1474230	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	75222	8.170	ng/uL	0.00
4) Pyridine-d5	3.413	84	516176	19.749	ng/ul	0.00
7) Phenol-d5	6.848	99	588401	19.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.984	67	349517	18.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.201	132	485964	20.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.390	113	448209	18.575	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	201457	22.606	ng/ul	0.00
24) 2-Nitrophenol-d4	9.542	143	211727	22.469	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.084	165	449085	20.848	ng/ul	0.00
31) 4-Chloroaniline-d4	10.589	131	596029	20.472	ng/ul	0.00
46) Dimethylphthalate-d6	13.713	166	1127529	20.450	ng/ul	0.00
49) Acenaphthylene-d8	14.001	160	1483348	21.175	ng/ul	0.00
54) 4-Nitrophenol-d4	14.507	143	186175	20.757	ng/ul	0.00
60) Fluorene-d10	15.295	176	975819	20.741	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.407	200	144278	19.173	ng/ul	-0.01
73) Anthracene-d10	17.130	188	1417189	21.331	ng/ul	0.00
81) Pyrene-d10	19.418	212	1494521	19.364	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.224	264	1477692	21.358	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	81308	8.038	ng/uL	92
5) Pyridine	3.437	79	509392	19.656	ng/ul	95
6) Benzaldehyde	6.790	77	368172	21.177	ng/ul	95
8) Phenol	6.872	94	600641	19.199	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.078	93	487512	19.558	ng/ul	95
12) 2-Chlorophenol	7.231	128	503287	20.139	ng/ul	97
13) 2-Methylphenol	8.125	108	449896	19.001	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.201	45	590740	17.220	ng/ul	96
16) Acetophenone	8.478	105	701420	19.179	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.472	70	329894	17.685	ng/ul	95
18) 4-Methylphenol	8.448	108	482706	19.397	ng/ul	99
19) Hexachloroethane	8.754	117	201316	19.627	ng/ul	97
22) Nitrobenzene	8.860	77	490146	21.325	ng/ul	98
23) Isophorone	9.378	82	879654	18.385	ng/ul	99
25) 2-Nitrophenol	9.572	139	241300	22.415	ng/ul	97
26) 2,4-Dimethylphenol	9.642	107	517935	20.203	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.866	93	611998	20.008	ng/ul	100
29) 2,4-Dichlorophenol	10.113	162	443258	20.917	ng/ul	99
30) Naphthalene	10.507	128	1523648	20.804	ng/ul	100
32) 4-Chloroaniline	10.613	127	613404	20.653	ng/ul	99
33) Hexachlorobutadiene	10.813	225	298657	20.501	ng/ul	99
34) Caprolactam	11.336	113	109401	16.925	ng/ul	86
35) 4-Chloro-3-methylphenol	11.748	107	436027	19.104	ng/ul	99
36) 2-Methylnaphthalene	12.119	142	993864	20.215	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.342	142	999222	19.967	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.501	216	526262	21.725	ng/ul	99
40)	Hexachlorocyclopentadiene	12.495	237	289230	22.280	ng/ul	99
41)	2,4,6-Trichlorophenol	12.742	196	317099	20.928	ng/ul	98
42)	2,4,5-Trichlorophenol	12.813	196	339783	21.125	ng/ul	99
43)	1,1'-Biphenyl	13.136	154	1296000	21.564	ng/ul	100
44)	2-Chloronaphthalene	13.177	162	982993	21.679	ng/ul	100
45)	2-Nitroaniline	13.377	65	222382	21.698	ng/ul	94
47)	Dimethylphthalate	13.760	163	1133266	20.602	ng/ul	99
48)	2,6-Dinitrotoluene	13.871	165	195615	21.417	ng/ul	100
50)	Acenaphthylene	14.024	152	1573903	21.392	ng/ul	100
51)	3-Nitroaniline	14.201	138	216561	21.679	ng/ul	99
52)	Acenaphthene	14.371	153	1008927	21.080	ng/ul	100
53)	2,4-Dinitrophenol	14.401	184	87996	17.624	ng/ul	95
55)	4-Nitrophenol	14.519	109	153323	20.957	ng/ul	94
56)	Dibenzofuran	14.707	168	1443861	21.018	ng/ul	99
57)	2,4-Dinitrotoluene	14.660	165	279780	21.959	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	14.936	232	262702	20.020	ng/ul	99
59)	Diethylphthalate	15.118	149	1082006	20.123	ng/ul	99
61)	Fluorene	15.354	166	1124105	21.090	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.342	204	565589	20.985	ng/ul	99
63)	4-Nitroaniline	15.360	138	197586	22.566	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.424	198	147255	19.824	ng/ul	99
67)	N-Nitrosodiphenylamine	15.554	169	953217	21.480	ng/ul	100
68)	4-Bromophenyl-phenylether	16.230	248	323088	21.250	ng/ul	96
69)	Hexachlorobenzene	16.365	284	375960	20.340	ng/ul	99
70)	Atrazine	16.495	200	320677	20.442	ng/ul	100
71)	Pentachlorophenol	16.701	266	203285	19.147	ng/ul	100
72)	Phenanthrene	17.077	178	1712088	21.538	ng/ul	100
74)	Anthracene	17.165	178	1722917	21.625	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.113	216	538821	21.953	ng/uL	99
76)	Pentachlorobenzene	14.636	250	507879	21.369	ng/uL	99
77)	Carbazole	17.430	167	1502531	22.295	ng/ul	100
78)	Di-n-butylphthalate	17.989	149	1644676	21.242	ng/ul	100
80)	Fluoranthene	19.083	202	1869518	19.520	ng/ul	100
82)	Pyrene	19.442	202	1938436	19.736	ng/ul	97
83)	Butylbenzylphthalate	20.330	149	632317	22.389	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.112	252	577293	23.730	ng/ul	99
85)	Benzo(a)anthracene	21.177	228	1763446	21.337	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.106	149	919111	21.983	ng/ul	98
87)	Chrysene	21.230	228	1747918	20.989	ng/ul	99
89)	Di-n-octyl phthalate	21.947	149	1535148	20.494	ng/ul	100
90)	Benzo(b)fluoranthene	22.712	252	1826896	20.983	ng/ul	100
91)	Benzo(k)fluoranthene	22.753	252	1688012	20.457	ng/ul	99
93)	Benzo(a)pyrene	23.265	252	1742926	21.200	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.506	276	1953409	23.312	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.512	278	1696563	24.412	ng/ul	100
96)	Benzo(g,h,i)perylene	26.171	276	1691504	22.775	ng/ul	99

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

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