Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032471.D
Acq On : 12 Oct 2021 23:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020075

Quant Time: Oct 13 02:42:13 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	240972	20.00	ng/ul	0.00
20) Naphthalene-d8	10.395	136	1112527	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.254	164	743251	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.983	188	1529068	20.00	ng/ul	0.00
79) Chrysene-d12	21.147	240	1444036	20.00	ng/ul	0.00
88) Perylene-d12	23.288	264	1399970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	45036	7.49	ng/uL	0.00
4) Pyridine-d5	3.384	84	327837	19.31	ng/ul	0.00
7) Phenol-d5	6.801	99	396314	19.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	229589	19.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	315635	20.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.336	113	332017	20.06	ng/ul	0.00
21) Nitrobenzene-d5	8.760	128	157460	20.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.483	143	176520	20.86	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.030	165	340967	20.24	ng/ul	0.00
31) 4-Chloroaniline-d4	10.530	131	469153	18.88	ng/ul	0.00
46) Dimethylphthalate-d6	13.660	166	1023166	19.89	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	1295129	20.73	ng/ul	0.00
54) 4-Nitrophenol-d4	14.465	143	185040	18.32	ng/ul	0.00
60) Fluorene-d10	15.242	176	869239	19.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.365	200	165497	18.99	ng/ul	0.00
73) Anthracene-d10	17.083	188	1353490	20.34	ng/ul	0.00
81) Pyrene-d10	19.365	212	1470837	20.25	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.153	264	1419876	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	47441	7.25	ng/uL	97
5) Pyridine	3.401	79	321219	19.13	ng/ul	99
6) Benzaldehyde	6.737	77	238644	24.74	ng/ul	96
8) Phenol	6.825	94	404738	19.50	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.025	93	319665	19.57	ng/ul	99
12) 2-Chlorophenol	7.178	128	324158	20.06	ng/ul	99
13) 2-Methylphenol	8.072	108	315336	19.81	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.142	45	397343	19.64	ng/ul	99
16) Acetophenone	8.425	105	525156	21.66	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.419	70	264352	22.08	ng/ul	97
18) 4-Methylphenol	8.401	108	349701	20.96	ng/ul	100
19) Hexachloroethane	8.695	117	131992	20.53	ng/ul	95
22) Nitrobenzene	8.801	77	359308	19.28	ng/ul	98
23) Isophorone	9.325	82	738610	20.54	ng/ul	98
25) 2-Nitrophenol	9.519	139	192059	20.77	ng/ul	97
26) 2,4-Dimethylphenol	9.589	107	394959	19.98	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.807	93	462480	19.40	ng/ul	98
29) 2,4-Dichlorophenol	10.054	162	334533	20.18	ng/ul	99
30) Naphthalene	10.442	128	1115433	19.56	ng/ul	100
32) 4-Chloroaniline	10.554	127	478509	19.18	ng/ul	99
33) Hexachlorobutadiene	10.754	225	211809	19.80	ng/ul	100
34) Caprolactam	11.295	113	111507	18.66	ng/ul	99
35) 4-Chloro-3-methylphenol	11.695	107	371748	20.38	ng/ul	99
36) 2-Methylnaphthalene	12.060	142	777401	20.05	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.283	142	797067	20.18	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.448	216	411085	20.06	ng/ul	98
40) Hexachlorocyclopentadiene	12.436	237	231979	19.43	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	274125	20.89	ng/ul	99
42) 2,4,5-Trichlorophenol	12.760	196	296750	20.60	ng/ul	100
43) 1,1'-Biphenyl	13.083	154	1060619	19.90	ng/ul	99
44) 2-Chloronaphthalene	13.124	162	807339	19.88	ng/ul	100
45) 2-Nitroaniline	13.324	65	221178	20.39	ng/ul	98
47) Dimethylphthalate	13.707	163	1019287	19.79	ng/ul	100
48) 2,6-Dinitrotoluene	13.818	165	200964	20.93	ng/ul	99
50) Acenaphthylene	13.971	152	1353837	20.48	ng/ul	99
51) 3-Nitroaniline	14.154	138	215784	21.50	ng/ul	99
52) Acenaphthene	14.318	153	871756	19.97	ng/ul	99
53) 2,4-Dinitrophenol	14.354	184	103178	16.71	ng/ul	93
55) 4-Nitrophenol	14.477	109	150726	18.49	ng/ul	97
56) Dibenzofuran	14.654	168	1258688	19.89	ng/ul	99
57) 2,4-Dinitrotoluene	14.612	165	296971	20.93	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.889	232	248825	21.27	ng/ul	99
59) Diethylphthalate	15.071	149	1021461	19.88	ng/ul	99
61) Fluorene	15.301	166	990609	20.38	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.295	204	493132	20.08	ng/ul	98
63) 4-Nitroaniline	15.312	138	217850	23.48	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.377	198	163909	19.14	ng/ul	99
67) N-Nitrosodiphenylamine	15.507	169	872773	20.46	ng/ul	99
68) 4-Bromophenyl-phenylether	16.177	248	298151	20.23	ng/ul	100
69) Hexachlorobenzene	16.312	284	339427	20.00	ng/ul	97
70) Atrazine	16.448	200	322035	19.97	ng/ul	99
71) Pentachlorophenol	16.654	266	204491	19.98	ng/ul	98
72) Phenanthrene	17.024	178	1584759	20.08	ng/ul	100
74) Anthracene	17.112	178	1611006	20.32	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.054	216	437975	20.40	ng/uL	99
76) Pentachlorobenzene	14.589	250	433476	20.33	ng/uL	99
77) Carbazole	17.383	167	1447450	20.47	ng/ul	99
78) Di-n-butylphthalate	17.936	149	1711577	20.95	ng/ul	100
80) Fluoranthene	19.036	202	1841954	20.55	ng/ul	98
82) Pyrene	19.395	202	1887838	20.50	ng/ul	99
83) Butylbenzylphthalate	20.289	149	749112	21.44	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.065	252	577141	22.04	ng/ul	100
85) Benzo(a)anthracene	21.136	228	1725610	19.82	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.059	149	1078995	22.21	ng/ul	98
87) Chrysene	21.183	228	1698217	19.81	ng/ul	99
89) Di-n-octyl phthalate	21.900	149	1883976	23.63	ng/ul	100
90) Benzo(b)fluoranthene	22.653	252	1699151	19.95	ng/ul	100
91) Benzo(k)fluoranthene	22.694	252	1643442	21.27	ng/ul	100
93) Benzo(a)pyrene	23.200	252	1623046	20.14	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.412	276	1628268	18.28	ng/ul	99
95) Dibenzo(a,h)anthracene	25.412	278	1413592	18.50	ng/ul	100
96) Benzo(g,h,i)perylene	26.065	276	1358061	17.42	ng/ul	98

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

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