Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
Data File : BM030166.D
Acq On : 26 May 2021 11:49
Operator : CG/JU
Sample : SSTD00512
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD005012

Quant Time: May 26 14:03:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 13:53:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	182365	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	798330	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	561748	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1230692	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1376615	20.00	ng/ul	0.00
88) Perylene-d12	23.686	264	1393564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8202	1.80	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.410	132	52276	3.99	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.034	128	19614	3.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	17703	2.85	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	53509	4.30	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.910	166	195493	4.49	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	241303	4.37	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.486	176	175798	4.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.333	188	277622	4.48	ng/ul	0.00
81) Pyrene-d10	19.615	212	319763	4.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	344970	4.37	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	9125	1.85	ng/uL	93
12) 2-Chlorophenol	7.440	128	53921	4.04	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.681	70	49941	4.34	ng/ul	99
19) Hexachloroethane	8.957	117	23962	4.25	ng/ul	94
22) Nitrobenzene	9.075	77	54673	3.81	ng/ul	96
23) Isophorone	9.598	82	133131	4.39	ng/ul	98
25) 2-Nitrophenol	9.786	139	18862	2.80	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	66017	4.34	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	83580	4.71	ng/ul	97
29) 2,4-Dichlorophenol	10.310	162	52388	4.28	ng/ul	98
30) Naphthalene	10.722	128	202997	4.58	ng/ul	99
33) Hexachlorobutadiene	11.010	225	38263	4.67	ng/ul	94
35) 4-Chloro-3-methylphenol	11.939	107	56456	4.17	ng/ul	98
36) 2-Methylnaphthalene	12.327	142	154596	4.81	ng/ul	99
37) 1-Methylnaphthalene	12.545	142	149307	4.69	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	79429	4.58	ng/ul	96
41) 2,4,6-Trichlorophenol	12.933	196	40147	3.79	ng/ul	95
42) 2,4,5-Trichlorophenol	12.998	196	44152	3.94	ng/ul	97
43) 1,1'-Biphenyl	13.339	154	203494	4.66	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	155454	4.64	ng/ul	98
45) 2-Nitroaniline	13.574	65	26661	3.15	ng/ul	96
47) Dimethylphthalate	13.951	163	196898	4.52	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	21566	2.76	ng/ul#	92
50) Acenaphthylene	14.221	152	237833	4.46	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.563	153	173412	4.60	ng/ul	99
56) Dibenzofuran	14.898	168	245266	4.75	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	31919	2.76	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.121	232	35896	3.36	ng/ul	98
59) Diethylphthalate	15.316	149	194464	4.28	ng/ul	99
61) Fluorene	15.545	166	205960	4.66	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	101930	4.70	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	176355	4.41	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	61283	4.47	ng/ul	99
69) Hexachlorobenzene	16.545	284	71757	4.41	ng/ul	99
72) Phenanthrene	17.274	178	335520	4.62	ng/ul	100
74) Anthracene	17.362	178	340036	4.58	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	84345	4.33	ng/uL	100
76) Pentachlorobenzene	14.816	250	81904	4.41	ng/uL	98
78) Di-n-butylphthalate	18.198	149	314887	3.90	ng/ul	100
80) Fluoranthene	19.280	202	392634	4.57	ng/ul	99
82) Pyrene	19.639	202	420780	4.65	ng/ul	99
83) Butylbenzylphthalate	20.533	149	114920	3.58	ng/ul	99
85) Benzo(a)anthracene	21.374	228	413481	4.60	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	199373	3.60	ng/ul	98
87) Chrysene	21.427	228	407126	4.55	ng/ul	99
90) Benzo(b)fluoranthene	22.991	252	415543	4.60	ng/ul	98
91) Benzo(k)fluoranthene	23.033	252	417544	4.39	ng/ul	99
93) Benzo(a)pyrene	23.586	252	359840	4.38	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.021	276	440675	4.43	ng/ul	98
95) Dibenzo(a,h)anthracene	26.032	278	366835	4.36	ng/ul	98
96) Benzo(g,h,i)perylene	26.732	276	359150	4.46	ng/ul	100

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

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