Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
Data File : BM028452.D
Acq On : 19 Jan 2021 10:19
Operator : CG/JU
Sample : SSTD00512
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD005012

Quant Time: Jan 19 12:36:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 12:22:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	28822	20.00	ng/ul	0.00
20) Naphthalene-d8	10.904	136	112786	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	61657	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	122978	20.00	ng/ul	0.00
79) Chrysene-d12	21.568	240	115138	20.00	ng/ul	0.00
88) Perylene-d12	23.885	264	118594	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1306	1.84	ng/uL	0.01
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	7.604	132	9722	4.76	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.257	128	4219	4.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	4311	4.45	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	8703	4.78	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	14.121	166	23319	5.01	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	27441	4.64	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.704	176	20202	4.90	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.545	188	29139	4.79	ng/ul	0.00
81) Pyrene-d10	19.809	212	30331	4.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	31277	4.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	1512	2.07	ng/uL	98
12) 2-Chlorophenol	7.639	128	9877	4.69	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.892	70	6560	4.43	ng/ul	93
19) Hexachloroethane	9.169	117	4238	4.71	ng/ul	96
22) Nitrobenzene	9.298	77	10747	4.82	ng/ul	98
23) Isophorone	9.828	82	17594	4.67	ng/ul	99
25) 2-Nitrophenol	10.010	139	4685	4.38	ng/ul	92
26) 2,4-Dimethylphenol	10.063	107	9832	4.70	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.304	93	12111	4.86	ng/ul	97
29) 2,4-Dichlorophenol	10.545	162	8312	4.66	ng/ul	98
30) Naphthalene	10.951	128	31276	4.90	ng/ul	100
33) Hexachlorobutadiene	11.227	225	5719	4.89	ng/ul	98
35) 4-Chloro-3-methylphenol	12.169	107	8267	4.48	ng/ul	97
36) 2-Methylnaphthalene	12.557	142	20772	4.87	ng/ul	98
37) 1-Methylnaphthalene	12.774	142	19841	4.83	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.921	216	10331	4.98	ng/ul	94
41) 2,4,6-Trichlorophenol	13.157	196	6011	4.66	ng/ul	97
42) 2,4,5-Trichlorophenol	13.227	196	6721	4.81	ng/ul	93
43) 1,1'-Biphenyl	13.557	154	26506	5.04	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	20685	4.96	ng/ul	98
45) 2-Nitroaniline	13.804	65	5120	4.45	ng/ul	99
47) Dimethylphthalate	14.168	163	24199	5.01	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	4256	4.44	ng/ul	97
50) Acenaphthylene	14.445	152	29188	4.80	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.786	153	21340	4.88	ng/ul	99
56) Dibenzofuran	15.115	168	29473	5.01	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	5664	4.21	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.339	232	5198	4.60	ng/ul#	98
59) Diethylphthalate	15.521	149	24119	5.03	ng/ul	97
61) Fluorene	15.762	166	24142	4.92	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.751	204	12139	5.11	ng/ul	97
67) N-Nitrosodiphenylamine	15.962	169	19168	4.72	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	6911	4.84	ng/ul	99
69) Hexachlorobenzene	16.756	284	7966	4.85	ng/ul	93
72) Phenanthrene	17.486	178	36289	4.84	ng/ul	99
74) Anthracene	17.580	178	36045	4.73	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.527	216	10016	4.86	ng/uL	99
76) Pentachlorobenzene	15.033	250	9745	4.87	ng/uL	98
78) Di-n-butylphthalate	18.386	149	38796	5.11	ng/ul	99
80) Fluoranthene	19.480	202	39624	4.56	ng/ul	98
82) Pyrene	19.839	202	41909	4.67	ng/ul	99
83) Butylbenzylphthalate	20.709	149	17322	5.21	ng/ul	97
85) Benzo(a)anthracene	21.556	228	38432	4.99	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	26796	5.87	ng/ul	98
87) Chrysene	21.603	228	37778	4.95	ng/ul	99
90) Benzo(b)fluoranthene	23.180	252	38493	4.83	ng/ul	97
91) Benzo(k)fluoranthene	23.227	252	38099	4.84	ng/ul	99
93) Benzo(a)pyrene	23.785	252	35912	4.97	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.238	276	43007	5.08	ng/ul	99
95) Dibenzo(a,h)anthracene	26.250	278	36528	5.09	ng/ul	99
96) Benzo(g,h,i)perylene	26.968	276	36144	5.03	ng/ul	98

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

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