Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028033.D
Acq On : 04 Dec 2020 16:41
Operator : JU/CG
Sample : L4485-10
Misc : MDL-WATER-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03

Quant Time: Dec 04 17:13:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 11:20:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	208922	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	841626	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	481142	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	974632	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	988552	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	1032052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	29435	5.26	ng/uL	0.00
4) Pyridine-d5	3.93	84	344240	22.81	ng/ul	0.00
7) Phenol-d5	7.42	99	588297	33.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	380595	35.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	501311	34.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	485218	35.38	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	228566	34.98	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	232538	35.62	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	440020	33.23	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	629877	34.77	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1252139	35.17	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1628773	35.64	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	219137	31.92	ng/ul	0.00
60) Fluorene-d10	15.89	176	1065323	33.39	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	169533	29.97	ng/ul	0.00
73) Anthracene-d10	17.73	188	1588730	33.25	ng/ul	0.00
81) Pyrene-d10	19.98	212	1715005	33.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1747849	31.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	4537	0.789	ng/uL	93
5) Pyridine	3.96	79	46078	3.043	ng/ul#	74
6) Benzaldehyde	7.41	77	37388	5.200	ng/ul	96
8) Phenol	7.45	94	50924	2.869	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.69	93	45714	3.128	ng/ul	96
12) 2-Chlorophenol	7.85	128	44021	2.952	ng/ul	99
13) 2-Methylphenol	8.73	108	35079	2.641	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.82	45	71206	3.028	ng/ul	98
16) Acetophenone	9.12	105	60522	2.949	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.10	70	27894	2.860	ng/ul	98
18) 4-Methylphenol	9.05	108	39888	2.801	ng/ul	98
19) Hexachloroethane	9.39	117	18139	2.898	ng/ul	95
22) Nitrobenzene	9.51	77	49352	3.061	ng/ul	98
23) Isophorone	10.04	82	74228	2.752	ng/ul	97
25) 2-Nitrophenol	10.23	139	21966	2.975	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	43416	2.861	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.51	93	54261	2.930	ng/ul	96
29) 2,4-Dichlorophenol	10.76	162	38196	2.948	ng/ul	100
30) Naphthalene	11.17	128	138088	2.905	ng/ul	99
32) 4-Chloroaniline	11.27	127	53434	3.046	ng/ul	100
33) Hexachlorobutadiene	11.45	225	24652	2.906	ng/ul	95
34) Caprolactam	12.05	113	8882	2.379	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	36305	2.794	ng/ul	97
36) 2-Methylnaphthalene	12.76	142	90188	2.886	ng/ul	99
37) 1-Methylnaphthalene	12.98	142	84991	2.829	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	46527	2.841	ng/ul	96
40) Hexachlorocyclopentadiene	13.10	237	19867	2.129	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	24291	2.475	ng/ul	99
42) 2,4,5-Trichlorophenol	13.42	196	26967	2.559	ng/ul	100
43) 1,1'-Biphenyl	13.75	154	114481	2.777	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	89513	2.756	ng/ul	98
45) 2-Nitroaniline	13.99	65	19092	2.364	ng/ul	99
47) Dimethylphthalate	14.35	163	108765	2.955	ng/ul	98
48) 2,6-Dinitrotoluene	14.47	165	16910	2.420	ng/ul	98
50) Acenaphthylene	14.64	152	133485	2.819	ng/ul	99
51) 3-Nitroaniline	14.80	138	17817	2.569	ng/ul	89
52) Acenaphthene	14.97	153	96209	2.831	ng/ul	98
53) 2,4-Dinitrophenol	15.00	184	6457	1.607	ng/ul	94
55) 4-Nitrophenol	15.09	109	14348	2.842	ng/ul	90
56) Dibenzofuran	15.30	168	131734	2.862	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	24541	2.507	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.52	232	21990	2.598	ng/ul	97
59) Diethylphthalate	15.70	149	106341	2.949	ng/ul	98
61) Fluorene	15.94	166	109833	2.923	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	55995	3.043	ng/ul	99
63) 4-Nitroaniline	15.94	138	19511	3.176	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.01	198	16552	2.657	ng/ul#	73
67) N-Nitrosodiphenylamine	16.14	169	87556	2.731	ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	31264	2.807	ng/ul	96
69) Hexachlorobenzene	16.94	284	36516	2.842	ng/ul	96
70) Atrazine	17.07	200	28196	2.599	ng/ul	97
71) Pentachlorophenol	17.27	266	14967	2.081	ng/ul	97
72) Phenanthrene	17.67	178	167670	2.829	ng/ul	99
74) Anthracene	17.76	178	171843	2.847	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	44591	2.709	ng/uL	95
76) Pentachlorobenzene	15.22	250	43682	2.769	ng/uL	98
77) Carbazole	18.02	167	139153	2.709	ng/ul	99
78) Di-n-butylphthalate	18.56	149	156261	2.669	ng/ul	100
80) Fluoranthene	19.65	202	182589	2.685	ng/ul	99
82) Pyrene	20.01	202	200745	2.829	ng/ul	100
83) Butylbenzylphthalate	20.86	149	64046	2.514	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.64	252	58421	2.667	ng/ul	98
85) Benzo(a)anthracene	21.72	228	185533	2.827	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	102124	2.650	ng/ul	100
87) Chrysene	21.77	228	188115	2.900	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	175137	2.503	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	196212	2.882	ng/ul	98
91) Benzo(k)fluoranthene	23.46	252	182141	2.772	ng/ul	100
93) Benzo(a)pyrene	24.03	252	180166	2.909	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	214107	2.815	ng/ul	98
95) Dibenzo(a,h)anthracene	26.62	278	181820	2.829	ng/ul	100
96) Benzo(g,h,i)perylene	27.38	276	179855	2.803	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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