Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028060.D
Acq On : 07 Dec 2020 15:56
Operator : JU/CG
Sample : L4485-12
Misc : MDL-WATER-02
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
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12/8/2020 2:06:47 PM

Quant Time: Dec 07 16:28:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	216255	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	908125	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	520252	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1021726	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	896261	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	877661	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	23576	4.07	ng/uL	0.00
4) Pyridine-d5	3.93	84	344493	22.05	ng/ul	0.00
7) Phenol-d5	7.42	99	565820	31.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	372554	33.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	484078	32.28	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	471904	33.24	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	229293	32.52	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	232129	32.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	438940	30.72	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	626780	32.07	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1251592	32.52	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1638787	33.17	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	209738	28.25	ng/ul	0.00
60) Fluorene-d10	15.89	176	1061377	30.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	161297	27.20	ng/ul	0.00
73) Anthracene-d10	17.72	188	1538308	30.71	ng/ul	0.00
81) Pyrene-d10	19.97	212	1565012	33.26	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1392394	29.80	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	42803	2.731	ng/ul#	66
6) Benzaldehyde	7.40	77	35103	4.717	ng/ul	95
8) Phenol	7.45	94	46847	2.550	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.69	93	43220	2.857	ng/ul	96
12) 2-Chlorophenol	7.84	128	40865	2.647	ng/ul	99
13) 2-Methylphenol	8.72	108	34131	2.482	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.82	45	70055m	2.878	ng/ul	
16) Acetophenone	9.12	105	58299	2.744	ng/ul	95
17) N-Nitroso-di-n-propylamine	9.10	70	27561	2.730	ng/ul	98
18) 4-Methylphenol	9.05	108	38259	2.595	ng/ul	94
19) Hexachloroethane	9.39	117	16327	2.520	ng/ul	91
22) Nitrobenzene	9.50	77	46229	2.657	ng/ul	98
23) Isophorone	10.03	82	73400	2.522	ng/ul	99
25) 2-Nitrophenol	10.22	139	21270	2.670	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	41483	2.534	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.51	93	52862	2.646	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	36619	2.619	ng/ul	94
30) Naphthalene	11.17	128	132433	2.582	ng/ul	99
32) 4-Chloroaniline	11.27	127	52647	2.781	ng/ul	97
33) Hexachlorobutadiene	11.45	225	24589	2.686	ng/ul	98
34) Caprolactam	12.05	113	8342m	2.071	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	34140	2.435	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.76	142	88997	2.639	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	84521	2.608	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	45702	2.581	ng/ul	95
40) Hexachlorocyclopentadiene	13.10	237	19134	1.896	ng/ul	95
41) 2,4,6-Trichlorophenol	13.35	196	24430	2.302	ng/ul	93
42) 2,4,5-Trichlorophenol	13.42	196	26689	2.342	ng/ul	98
43) 1,1'-Biphenyl	13.75	154	114002	2.557	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	89366	2.545	ng/ul	98
45) 2-Nitroaniline	13.99	65	18855	2.159	ng/ul	88
47) Dimethylphthalate	14.35	163	105700	2.656	ng/ul	97
48) 2,6-Dinitrotoluene	14.47	165	16128	2.135	ng/ul	97
50) Acenaphthylene	14.63	152	131136	2.561	ng/ul	99
51) 3-Nitroaniline	14.80	138	16591	2.213	ng/ul#	88
52) Acenaphthene	14.97	153	93181	2.536	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	5755	1.324	ng/ul	96
55) 4-Nitrophenol	15.08	109	14376	2.634	ng/ul	89
56) Dibenzofuran	15.30	168	128059	2.573	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	23589	2.228	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.52	232	20176	2.205	ng/ul	97
59) Diethylphthalate	15.69	149	100596	2.580	ng/ul	99
61) Fluorene	15.94	166	105758	2.603	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.93	204	53144	2.671	ng/ul	98
63) 4-Nitroaniline	15.95	138	17198	2.589	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	15099	2.312	ng/ul#	63
67) N-Nitrosodiphenylamine	16.13	169	83396	2.482	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	29605	2.535	ng/ul	99
69) Hexachlorobenzene	16.93	284	35199	2.613	ng/ul	99
70) Atrazine	17.06	200	25446	2.238	ng/ul	99
71) Pentachlorophenol	17.27	266	13348	1.771	ng/ul	96
72) Phenanthrene	17.66	178	158210	2.547	ng/ul	99
74) Anthracene	17.76	178	158846	2.510	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	43008	2.492	ng/uL	97
76) Pentachlorobenzene	15.22	250	41387	2.503	ng/uL	95
77) Carbazole	18.02	167	125528	2.331	ng/ul	99
78) Di-n-butylphthalate	18.55	149	142802	2.327	ng/ul	99
80) Fluoranthene	19.64	202	161915	2.626	ng/ul	99
82) Pyrene	20.00	202	176910	2.749	ng/ul	99
83) Butylbenzylphthalate	20.86	149	56603	2.451	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	46424	2.338	ng/ul#	98
85) Benzo(a)anthracene	21.72	228	152902	2.570	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.62	149	82111	2.350	ng/ul	99
87) Chrysene	21.77	228	151116	2.570	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	137402	2.310	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	151241	2.612	ng/ul	98
91) Benzo(k)fluoranthene	23.45	252	141796	2.538	ng/ul	99
93) Benzo(a)pyrene	24.03	252	134811	2.559	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	157757	2.439	ng/ul	97
95) Dibenzo(a,h)anthracene	26.62	278	134542	2.461	ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	131999	2.419	ng/ul	97

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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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