Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028031.D
Acq On : 04 Dec 2020 15:28
Operator : JU/CG
Sample : L4485-09
Misc : MDL-WATER-02
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
mohammad
12/7/2020 8:54:27 AM

Quant Time: Dec 04 16:03:58 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	202241	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	804743	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	447383	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	918715	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	926785	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	980967	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	25691	4.74	ng/uL	0.00
4) Pyridine-d5	3.93	84	345988	23.68	ng/ul	0.00
7) Phenol-d5	7.42	99	560369	33.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	359380	34.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	470011	33.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	457769	34.48	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	216473	34.65	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	220072	35.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	408943	32.30	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	592276	34.19	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1148505	34.70	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1519652	35.77	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	205975	32.27	ng/ul	0.00
60) Fluorene-d10	15.89	176	986692	33.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	154428	28.96	ng/ul	0.00
73) Anthracene-d10	17.73	188	1471202	32.67	ng/ul	0.00
81) Pyrene-d10	19.98	212	1589336	32.67	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1611769	30.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	4369	0.785	ng/uL#	82
5) Pyridine	3.96	79	42813	2.921	ng/ul#	67
6) Benzaldehyde	7.41	77	34491	4.956	ng/ul	95
8) Phenol	7.45	94	46896	2.730	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.69	93	41179	2.911	ng/ul	97
12) 2-Chlorophenol	7.84	128	40080	2.776	ng/ul	97
13) 2-Methylphenol	8.73	108	32836	2.553	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.82	45	63895	2.807	ng/ul	98
16) Acetophenone	9.12	105	55621	2.799	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	25525	2.704	ng/ul	98
18) 4-Methylphenol	9.06	108	38010	2.757	ng/ul	93
19) Hexachloroethane	9.39	117	15933	2.630	ng/ul	95
22) Nitrobenzene	9.51	77	43659	2.832	ng/ul	95
23) Isophorone	10.04	82	66839	2.592	ng/ul	96
25) 2-Nitrophenol	10.23	139	19266	2.729	ng/ul	95
26) 2,4-Dimethylphenol	10.27	107	38482	2.652	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.51	93	48947	2.765	ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	34065	2.750	ng/ul	91
30) Naphthalene	11.17	128	124922	2.749	ng/ul	99
32) 4-Chloroaniline	11.27	127	49427	2.947	ng/ul	96
33) Hexachlorobutadiene	11.46	225	22121	2.727	ng/ul	98
34) Caprolactam	12.02	113	7840m	2.196	ng/ul	

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35) 4-Chloro-3-methylphenol	12.37	107	32035	2.578	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	79775	2.670	ng/ul	99
37) 1-Methylnaphthalene	12.98	142	77462	2.697	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	40676	2.672	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	17152	1.976	ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	21764	2.385	ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	24333	2.484	ng/ul	92
43) 1,1'-Biphenyl	13.75	154	104505	2.726	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	82066	2.717	ng/ul	99
45) 2-Nitroaniline	13.99	65	17163	2.286	ng/ul	94
47) Dimethylphthalate	14.35	163	96695	2.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	14400	2.216	ng/ul	97
50) Acenaphthylene	14.64	152	119724	2.719	ng/ul	99
51) 3-Nitroaniline	14.80	138	15448	2.396	ng/ul#	83
52) Acenaphthene	14.97	153	87059	2.755	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	5642	1.510	ng/ul	87
55) 4-Nitrophenol	15.09	109	13500	2.876	ng/ul	90
56) Dibenzofuran	15.30	168	117170	2.737	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	22067	2.424	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.52	232	18531	2.355	ng/ul#	98
59) Diethylphthalate	15.70	149	92662	2.764	ng/ul	99
61) Fluorene	15.95	166	98001	2.805	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	47607	2.782	ng/ul	97
63) 4-Nitroaniline	15.95	138	17036	2.982	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.01	198	14538	2.476	ng/ul#	77
67) N-Nitrosodiphenylamine	16.14	169	77823	2.575	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	27428	2.612	ng/ul	94
69) Hexachlorobenzene	16.94	284	33471	2.763	ng/ul	95
70) Atrazine	17.07	200	23901	2.337	ng/ul	95
71) Pentachlorophenol	17.27	266	12808	1.889	ng/ul	99
72) Phenanthrene	17.67	178	151402	2.710	ng/ul	98
74) Anthracene	17.76	178	150989	2.654	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	40283	2.596	ng/uL	98
76) Pentachlorobenzene	15.22	250	38726	2.605	ng/uL	98
77) Carbazole	18.02	167	123433	2.550	ng/ul	99
78) Di-n-butylphthalate	18.56	149	133709	2.423	ng/ul	100
80) Fluoranthene	19.65	202	162633	2.551	ng/ul	98
82) Pyrene	20.00	202	181098	2.722	ng/ul	99
83) Butylbenzylphthalate	20.86	149	54661	2.289	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	51250	2.496	ng/ul	99
85) Benzo(a)anthracene	21.72	228	163964	2.665	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	83968	2.324	ng/ul	100
87) Chrysene	21.77	228	164749	2.709	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	142304	2.140	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	171139	2.644	ng/ul	98
91) Benzo(k)fluoranthene	23.45	252	167842	2.687	ng/ul	98
93) Benzo(a)pyrene	24.03	252	155155	2.635	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	193585	2.678	ng/ul	97
95) Dibenzo(a,h)anthracene	26.62	278	163489	2.676	ng/ul	98
96) Benzo(g,h,i)perylene	27.38	276	161376	2.646	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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