Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
Data File : BP001752.D
Acq On : 14 Feb 2020 18:54
Operator : CG/JU
Sample : K5695-12
Misc : MDL-WATER-05
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
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Quant Time: Feb 15 05:38:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	275557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1272269	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	839925	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1889744	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2114105	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2402836	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	27621	4.79	ng/uL	0.00
5) Phenol-d5	6.88	99	602624	25.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	418881	30.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	485534	28.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	487739	25.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	302013	30.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	189724	24.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	472280	26.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	810083	35.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1889442	31.27	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2457010	32.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	233358	20.81	ng/ul	0.00
58) Fluorene-d10	15.33	176	1695398	30.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	129423	17.00	ng/ul	0.00
71) Anthracene-d10	17.19	188	2699305	31.43	ng/ul	0.00
79) Pyrene-d10	19.43	212	3096647	30.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3498672	30.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	4117	0.65	ng/uL#	86
4) Benzaldehyde	6.86	77	54734	3.60	ng/ul	99
6) Phenol	6.91	94	62782	2.51	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	60621	3.06	ng/ul	97
10) 2-Chlorophenol	7.28	128	49006	2.70	ng/ul	97
11) 2-Methylphenol	8.15	108	42846	2.22	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.24	45	79251	3.12	ng/ul	98
14) Acetophenone	8.52	105	95633	3.03	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	43393	2.76	ng/ul	97
16) 4-Methylphenol	8.47	108	52249	2.46	ng/ul	100
17) Hexachloroethane	8.79	117	23624	2.99	ng/ul	100
20) Nitrobenzene	8.89	77	72287	3.04	ng/ul	99
21) Isophorone	9.42	82	118987	2.63	ng/ul	98
23) 2-Nitrophenol	9.60	139	20842	2.27	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	52278	2.46	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	82806	2.92	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	49118	2.65	ng/ul#	88
28) Naphthalene	10.53	128	208785	3.04	ng/ul	99
30) 4-Chloroaniline	10.63	127	74606	3.23	ng/ul	99
31) Hexachlorobutadiene	10.83	225	39478	3.07	ng/ul	97
32) Caprolactam	11.40	113	12100m	1.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	37514	1.97	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	144311	2.92	ng/ul	99

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35) 1-Methylnaphthalene	12.37	142	153943	3.14	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	77508	2.95	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	34865	2.23	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	22849	1.71	ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	22006	1.46	ng/ul	95
41) 1,1'-Biphenyl	13.17	154	195245	3.03	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	154960	3.04	ng/ul	100
43) 2-Nitroaniline	13.40	65	25145	1.99	ng/ul	91
45) Dimethylphthalate	13.80	163	187247	2.93	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	27323	2.21	ng/ul	89
48) Acenaphthylene	14.05	152	254474	3.09	ng/ul	99
49) 3-Nitroaniline	14.23	138	24883	2.08	ng/ul#	91
50) Acenaphthene	14.40	153	167241	3.03	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	3896	0.87	ng/ul	92
53) 4-Nitrophenol	14.54	109	19041	2.18	ng/ul	85
54) Dibenzofuran	14.73	168	237522	3.05	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	42284	2.32	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22022	1.72	ng/ul	97
57) Diethylphthalate	15.17	149	158400	2.55	ng/ul	98
59) Fluorene	15.39	166	194950	3.01	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	98857	3.02	ng/ul	99
61) 4-Nitroaniline	15.39	138	30307	2.09	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	13472	1.57	ng/ul#	51
65) N-Nitrosodiphenylamine	15.60	169	145275	2.72	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	54515	2.71	ng/ul	98
67) Hexachlorobenzene	16.40	284	69661	2.93	ng/ul	98
68) Atrazine	16.56	200	37250	1.86	ng/ul	95
69) Pentachlorophenol	16.74	266	13899	1.21	ng/ul	94
70) Phenanthrene	17.13	178	318637	2.99	ng/ul	99
72) Anthracene	17.22	178	325299	3.04	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	89331	3.14	ng/uL	97
74) Pentachlorobenzene	14.66	250	82355	2.85	ng/uL	99
75) Carbazole	17.49	167	231167	2.56	ng/ul	99
76) Di-n-butylphthalate	18.07	149	171769	1.80	ng/ul	99
77) Fluoranthene	19.10	202	329938	2.81	ng/ul	98
80) Pyrene	19.45	202	412759	3.03	ng/ul	99
81) Butylbenzylphthalate	20.35	149	45003	1.11	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.10	252	42741	1.04	ng/ul	100
83) Benzo(a)anthracene	21.16	228	371579	2.68	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	86417	1.31	ng/ul	99
85) Chrysene	21.21	228	390264	2.92	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	131691	1.23	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	339229	2.44	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	396909	2.82	ng/ul	100
91) Benzo(a)pyrene	23.32	252	350266	2.65	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.67	276	425442	2.46	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	355903	2.47	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	360185	2.45	ng/ul	96

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

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