Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
Data File : BP001751.D
Acq On : 14 Feb 2020 18:20
Operator : CG/JU
Sample : K5695-11
Misc : MDL-WATER-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:42 PM

Quant Time: Feb 15 05:36:32 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	359246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1643256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	1081121	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	2403346	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2618262	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2922275	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	38460	5.11	ng/uL	0.00
5) Phenol-d5	6.88	99	818488	26.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	555597	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	657387	29.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	660859	26.50	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	401888	31.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	265173	26.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	651200	28.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1066460	36.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2475924	31.83	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	3211397	32.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	334270	23.16	ng/ul	0.00
58) Fluorene-d10	15.33	176	2212816	31.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	182027	18.79	ng/ul	0.00
71) Anthracene-d10	17.19	188	3544776	32.45	ng/ul	0.00
79) Pyrene-d10	19.43	212	3995111	32.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4412501	31.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	7489	0.91	ng/uL#	83
4) Benzaldehyde	6.85	77	79397	4.01	ng/ul	96
6) Phenol	6.91	94	96018	2.95	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	88931	3.45	ng/ul	98
10) 2-Chlorophenol	7.28	128	74440	3.14	ng/ul	96
11) 2-Methylphenol	8.15	108	63736	2.53	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.25	45	112544	3.40	ng/ul	99
14) Acetophenone	8.52	105	138401	3.36	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	64136	3.13	ng/ul	96
16) 4-Methylphenol	8.47	108	74217	2.67	ng/ul	100
17) Hexachloroethane	8.79	117	35822	3.47	ng/ul	95
20) Nitrobenzene	8.89	77	105516	3.43	ng/ul	100
21) Isophorone	9.42	82	177985	3.05	ng/ul	100
23) 2-Nitrophenol	9.60	139	31927	2.69	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	78120	2.84	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.90	93	121745	3.33	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	73295	3.06	ng/ul#	88
28) Naphthalene	10.53	128	303706	3.42	ng/ul	100
30) 4-Chloroaniline	10.63	127	108756	3.65	ng/ul	100
31) Hexachlorobutadiene	10.83	225	55877	3.36	ng/ul	95
32) Caprolactam	11.41	113	18768m	2.13	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	57557	2.34	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	211142	3.31	ng/ul	99

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35) 1-Methylnaphthalene	12.37	142	225274	3.56	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	114696	3.39	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	50130	2.49	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	34093	1.98	ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	41992	2.16	ng/ul	93
41) 1,1'-Biphenyl	13.17	154	284536	3.43	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	222461	3.39	ng/ul	99
43) 2-Nitroaniline	13.40	65	38887	2.40	ng/ul	91
45) Dimethylphthalate	13.80	163	273691	3.33	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	42325	2.66	ng/ul#	88
48) Acenaphthylene	14.06	152	364210	3.44	ng/ul	99
49) 3-Nitroaniline	14.23	138	39557	2.56	ng/ul	90
50) Acenaphthene	14.40	153	237536	3.34	ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	6857	1.19	ng/ul	94
53) 4-Nitrophenol	14.54	109	29948	2.66	ng/ul#	87
54) Dibenzofuran	14.73	168	343594	3.43	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	65019	2.78	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.96	232	34093	2.07	ng/ul	97
57) Diethylphthalate	15.17	149	238675	2.98	ng/ul	99
59) Fluorene	15.39	166	283238	3.40	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	143606	3.41	ng/ul	98
61) 4-Nitroaniline	15.39	138	47628	2.55	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	22923	2.10	ng/ul#	53
65) N-Nitrosodiphenylamine	15.60	169	217588	3.20	ng/ul	97
66) 4-Bromophenyl-phenylether	16.29	248	81475	3.19	ng/ul	98
67) Hexachlorobenzene	16.40	284	102384	3.39	ng/ul	98
68) Atrazine	16.56	200	58377	2.30	ng/ul	97
69) Pentachlorophenol	16.74	266	21680	1.48	ng/ul	99
70) Phenanthrene	17.13	178	460824	3.40	ng/ul	99
72) Anthracene	17.22	178	465311	3.42	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	128387	3.55	ng/uL	100
74) Pentachlorobenzene	14.66	250	116524	3.17	ng/uL	99
75) Carbazole	17.49	167	346064	3.01	ng/ul	98
76) Di-n-butylphthalate	18.07	149	277591	2.29	ng/ul	99
77) Fluoranthene	19.10	202	478069	3.21	ng/ul	99
80) Pyrene	19.46	202	583282	3.46	ng/ul	100
81) Butylbenzylphthalate	20.34	149	72042	1.44	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.10	252	69361	1.36	ng/ul	98
83) Benzo(a)anthracene	21.16	228	537713	3.14	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	141534	1.73	ng/ul	99
85) Chrysene	21.21	228	551196	3.33	ng/ul	100
87) Di-n-octyl phthalate	22.00	149	199888	1.53	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	487464	2.88	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	575450	3.37	ng/ul	98
91) Benzo(a)pyrene	23.32	252	544930	3.40	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	609107	2.90	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	515841	2.94	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	515378	2.88	ng/ul	97

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

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