Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004915.D
Acq On : 05 Mar 2021 14:20
Operator : CG/JU
Sample : M1534-05
Misc : SOM-MDL-W-05
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED

Quant Time: Mar 05 14:54:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 13:02:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.74	152	28297	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.53	136	115077	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.39	164	75636	20.00	ng/ul	0.00	
62) Phenanthrene-d10	17.15	188	174563	20.00	ng/ul	0.00	
78) Chrysene-d12	21.24	240	195524	20.00	ng/ul	0.00	
86) Perylene-d12	23.54	264	195726	20.00	ng/ul	0.00	mohammad
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.23	96	3753	5.38	ng/uL	0.00	
5) Phenol-d5	6.92	99	80789	37.35	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.08	67	45836	41.31	ng/ul	0.00	3/8/2021 9:36:31 AM
9) 2-Chlorophenol-d4	7.28	132	65541	38.00	ng/ul	0.00	
13) 4-Methylphenol-d8	8.45	113	63976	36.60	ng/ul	0.00	
19) Nitrobenzene-d5	8.90	128	31543	38.18	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.62	143	35070	37.16	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.16	165	63878	34.40	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.68	131	81028	39.96	ng/ul	0.00	
44) Dimethylphthalate-d6	13.80	166	208639	38.35	ng/ul	0.00	
47) Acenaphthylene-d8	14.08	160	244849	36.57	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.60	143	32538	34.06	ng/ul	0.00	
58) Fluorene-d10	15.39	176	180586	37.24	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.51	200	37109	32.47	ng/ul	0.00	
71) Anthracene-d10	17.25	188	286424	36.54	ng/ul	0.00	
79) Pyrene-d10	19.49	212	331173	37.57	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.39	264	384799	38.68	ng/ul	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.28	88	674	0.989	ng/uL#	72	
4) Benzaldehyde	6.89	77	6216	5.741	ng/ul	96	
6) Phenol	6.94	94	8595	3.794	ng/ul	94	
8) Bis(2-Chloroethyl)ether	7.17	93	6740	4.028	ng/ul	95	
10) 2-Chlorophenol	7.30	128	7269	4.041	ng/ul#	91	
11) 2-Methylphenol	8.19	108	6113	3.533	ng/ul	88	
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6955	4.098	ng/ul#	90	
14) Acetophenone	8.56	105	10863	3.764	ng/ul	95	
15) N-Nitroso-di-n-propylamine	8.55	70	5078	3.755	ng/ul#	83	
16) 4-Methylphenol	8.51	108	6307m	3.400	ng/ul		
17) Hexachloroethane	8.81	117	3023	3.830	ng/ul#	86	
20) Nitrobenzene	8.94	77	8722	4.058	ng/ul	92	
21) Isophorone	9.47	82	13109	3.574	ng/ul	94	
23) 2-Nitrophenol	9.65	139	3941	3.873	ng/ul#	87	
24) 2,4-Dimethylphenol	9.72	107	8373	3.666	ng/ul	93	
25) Bis(2-Chloroethoxy)methane	9.95	93	8353	3.688	ng/ul#	91	
27) 2,4-Dichlorophenol	10.19	162	7038	3.861	ng/ul	97	
28) Naphthalene	10.58	128	22271	3.706	ng/ul#	95	
30) 4-Chloroaniline	10.70	127	8596	4.171	ng/ul	90	
31) Hexachlorobutadiene	10.87	225	5461	3.772	ng/ul	89	
32) Caprolactam	11.51	113	1887m	3.305	ng/ul		
33) 4-Chloro-3-methylphenol	11.83	107	6221	3.059	ng/ul	95	
34) 2-Methylnaphthalene	12.20	142	14893	3.470	ng/ul	100	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
35) 1-Methylnaphthalene	12.42	142	15193	3.654	ng/ul#	85	
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9493	3.612	ng/ul#	93	
38) Hexachlorocyclopentadiene	12.55	237	5082	3.040	ng/ul#	92	
39) 2,4,6-Trichlorophenol	12.82	196	4979	3.215	ng/ul#	94	
40) 2,4,5-Trichlorophenol	12.89	196	5276	3.123	ng/ul	84	
41) 1,1'-Biphenyl	13.22	154	20230	3.643	ng/ul#	94	mohammad
42) 2-Chloronaphthalene	13.26	162	15829m	3.564	ng/ul		
43) 2-Nitroaniline	13.47	65	3993m	3.377	ng/ul		
45) Dimethylphthalate	13.85	163	20631	3.655	ng/ul	99	
46) 2,6-Dinitrotoluene	13.97	165	3877	3.414	ng/ul	95	
48) Acenaphthylene	14.11	152	24209	3.795	ng/ul	97	3/8/2021 9:36:31 AM
49) 3-Nitroaniline	14.31	138	3628	3.664	ng/ul	87	
50) Acenaphthene	14.46	153	17548	3.773	ng/ul	95	
51) 2,4-Dinitrophenol	14.51	184	1716	2.240	ng/ul#	78	
53) 4-Nitrophenol	14.62	109	3888	3.877	ng/ul#	79	
54) Dibenzofuran	14.79	168	25433m	3.728	ng/ul		
55) 2,4-Dinitrotoluene	14.76	165	5480	3.327	ng/ul#	93	
56) 2,3,4,6-Tetrachlorophenol	15.03	232	5478	3.470	ng/ul	95	
57) Diethylphthalate	15.22	149	21073	3.777	ng/ul	93	
59) Fluorene	15.45	166	21078	3.694	ng/ul	97	
60) 4-Chlorophenyl-phenylether	15.45	204	11298	3.564	ng/ul	92	
61) 4-Nitroaniline	15.47	138	3996	3.499	ng/ul	91	
64) 4,6-Dinitro-2-methylphenol	15.53	198	4137	3.586	ng/ul#	98	
65) N-Nitrosodiphenylamine	15.66	169	17646	3.570	ng/ul	96	
66) 4-Bromophenyl-phenylether	16.34	248	6949	3.481	ng/ul	93	
67) Hexachlorobenzene	16.45	284	7765m	3.394	ng/ul		
68) Atrazine	16.62	200	6060	3.019	ng/ul	91	
69) Pentachlorophenol	16.80	266	3774	2.666	ng/ul#	80	
70) Phenanthrene	17.19	178	33957	3.655	ng/ul	99	
72) Anthracene	17.29	178	33563	3.547	ng/ul	99	
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	9524	3.570	ng/uL	92	
74) Pentachlorobenzene	14.71	250	8711	3.232	ng/uL	91	
75) Carbazole	17.56	167	27732	3.379	ng/ul#	94	
76) Di-n-butylphthalate	18.12	149	31221	3.336	ng/ul	98	
77) Fluoranthene	19.17	202	39954	3.493	ng/ul	99	
80) Pyrene	19.52	202	43203	3.810	ng/ul	99	
81) Butylbenzylphthalate	20.40	149	13693	3.429	ng/ul	100	
82) 3,3'-Dichlorobenzidine	21.17	252	13078	3.214	ng/ul	99	
83) Benzo(a)anthracene	21.23	228	43502	3.693	ng/ul	98	
84) Bis(2-ethylhexyl)phthalate	21.16	149	19956	3.342	ng/ul	93	
85) Chrysene	21.27	228	43623	3.806	ng/ul	98	
87) Di-n-octyl phthalate	22.04	149	34949	3.181	ng/ul	100	
88) Benzo(b)fluoranthene	22.84	252	44092	3.641	ng/ul	97	
89) Benzo(k)fluoranthene	22.89	252	44168	3.681	ng/ul	97	
91) Benzo(a)pyrene	23.43	252	39325	3.671	ng/ul#	97	
92) Indeno(1,2,3-cd)pyrene	25.89	276	49616	3.579	ng/ul	99	
93) Dibenzo(a,h)anthracene	25.91	278	41604	3.512	ng/ul	99	
94) Benzo(g,h,i)perylene	26.61	276	40770	3.526	ng/ul#	93	

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Instrument :
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Manual Integrations APPROVED

mohammad

3/8/2021 9:36:31 AM

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

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

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