Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002645.D
Acq On : 06 Jul 2020 15:28
Operator : CG/JU
Sample : L2182-07
Misc : LOD-MDL-WATER-01-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Quant Time: Jul 06 16:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	228104	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	828001	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	498547	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1049786	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1140136	20.00	ng		0.00
86) Perylene-d12	23.29	264	1237727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1477601	109.68	ng		0.00
7) Phenol-d6	6.76	99	1894698	100.76	ng		0.00
23) Nitrobenzene-d5	8.72	82	1672378	104.07	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	768892	126.80	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	3545453	104.67	ng		0.00
79) Terphenyl-d14	19.58	244	4576971	86.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	22238	3.851	ng		99
3) Pyridine	3.53	79	49936	2.918	ng		95
4) n-Nitrosodimethylamine	3.45	42	22843	3.144	ng	#	97
6) Aniline	6.90	93	85180	3.606	ng		99
8) 2-Chlorophenol	7.15	128	56432	3.771	ng		96
9) Benzaldehyde	6.72	77	49820	4.000	ng		95
10) Phenol	6.79	94	70442	3.715	ng		97
11) bis(2-Chloroethyl)ether	7.00	93	54990	3.533	ng		99
12) 1,3-Dichlorobenzene	7.46	146	64981	3.763	ng		99
13) 1,4-Dichlorobenzene	7.60	146	65506	3.723	ng		99
14) 1,2-Dichlorobenzene	7.92	146	62473	3.689	ng		99
15) Benzyl Alcohol	7.82	79	40154	2.842	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	75394	3.477	ng		98
17) 2-Methylphenol	8.03	107	44401	3.128	ng		96
18) Hexachloroethane	8.64	117	22510	3.545	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	38801	3.145	ng		98
20) 3+4-Methylphenols	8.36	107	57876	3.024	ng		98
22) Acetophenone	8.39	105	83312	3.975	ng	#	97
24) Nitrobenzene	8.76	77	60701	3.569	ng		98
25) Isophorone	9.28	82	104126	3.233	ng		99
26) 2-Nitrophenol	9.48	139	24430	3.149	ng		95
27) 2,4-Dimethylphenol	9.55	122	45181	3.844	ng		93
28) bis(2-Chloroethoxy)methane	9.78	93	67516	3.649	ng		99
29) 2,4-Dichlorophenol	10.02	162	46142	3.406	ng		98
30) 1,2,4-Trichlorobenzene	10.22	180	60230	3.949	ng		96
31) Naphthalene	10.39	128	165486	3.775	ng		99
32) Benzoic acid	9.67	122	5308	9.170	ng	#	76
33) 4-Chloroaniline	10.52	127	62705	3.271	ng		96
34) Hexachlorobutadiene	10.69	225	36324	3.891	ng		99
35) Caprolactam	11.26	113	13135	2.884	ng		94
36) 4-Chloro-3-methylphenol	11.66	107	47139	3.175	ng		98
37) 2-Methylnaphthalene	12.02	142	118887	3.720	ng		96
38) 1-Methylnaphthalene	12.24	142	113018	3.755	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	68853	4.423	ng		97

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ClientSampleId : LOD-MDL-WATER-01-QT2-2020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	11626	5.734	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	35886	3.407	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	38428	3.169	ng		97
46) 1,1'-Biphenyl	13.05	154	163435	4.334	ng		98
47) 2-Chloronaphthalene	13.09	162	117140	3.816	ng		96
48) 2-Nitroaniline	13.30	65	25127	2.566	ng		94
49) Acenaphthylene	13.94	152	178748	3.700	ng		99
50) Dimethylphthalate	13.69	163	133666	3.414	ng		100
51) 2,6-Dinitrotoluene	13.80	165	24938	2.949	ng		96
52) Acenaphthene	14.29	154	106806	3.747	ng		99
53) 3-Nitroaniline	14.14	138	23782	2.583	ng		96
54) 2,4-Dinitrophenol	14.39	184	2780	6.497	ng	#	85
55) Dibenzofuran	14.63	168	176261	3.816	ng		99
56) 4-Nitrophenol	14.51	139	11808	4.011	ng		89
57) 2,4-Dinitrotoluene	14.60	165	29471	2.591	ng		96
58) Fluorene	15.29	166	135684	3.857	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	31906	3.257	ng		94
60) Diethylphthalate	15.07	149	130899	3.362	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	74221	3.934	ng		92
62) 4-Nitroaniline	15.31	138	22398	2.434	ng		90
63) Azobenzene	15.58	77	120579	3.203	ng		94
65) 4,6-Dinitro-2-methylphenol	15.39	198	11201	4.274	ng		96
66) n-Nitrosodiphenylamine	15.50	169	117188	3.824	ng		98
67) 4-Bromophenyl-phenylether	16.18	248	44481	3.771	ng		94
68) Hexachlorobenzene	16.30	284	53278	4.216	ng		99
69) Atrazine	16.46	200	41950	4.266	ng		99
70) Pentachlorophenol	16.66	266	13538	4.474	ng		95
71) Phenanthrene	17.03	178	221961	3.930	ng		100
72) Anthracene	17.12	178	216245	3.847	ng		99
73) Carbazole	17.40	167	191897	3.533	ng		99
74) Di-n-butylphthalate	17.97	149	207521	3.244	ng		99
75) Fluoranthene	19.02	202	253772	3.712	ng		100
77) Benzidine	19.20	184	103414	5.742	ng		98
78) Pyrene	19.37	202	269092	3.467	ng		99
80) Butylbenzylphthalate	20.26	149	91816	2.710	ng		98
81) Benzo(a)anthracene	21.08	228	277051	3.717	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	110235	4.040	ng		99
83) Chrysene	21.13	228	268857	3.762	ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	152834	3.141	ng	#	99
85) Di-n-octyl phthalate	21.89	149	266096	3.097	ng		100
87) Indeno(1,2,3-cd)pyrene	25.50	276	365634	4.103	ng		99
88) Benzo(b)fluoranthene	22.63	252	281523	3.565	ng		99
89) Benzo(k)fluoranthene	22.67	252	281945	3.827	ng		99
90) Benzo(a)pyrene	23.20	252	261126	3.603	ng		99
91) Dibenzo(a,h)anthracene	25.52	278	299036	4.106	ng		98
92) Benzo(g,h,i)perylene	26.18	276	300017	4.119	ng		98

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

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