Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
Data File : BP002410.D
Acq On : 15 Jun 2020 15:51
Operator : CG/JU
Sample : L2182-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/16/2020 11:07:25 AM

Quant Time: Jun 15 16:34:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	162968	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	642905	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	401300	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	871683	20.00	ng		0.00
76) Chrysene-d12	21.10	240	845612	20.00	ng		0.00
86) Perylene-d12	23.30	264	931980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1451874	164.85	ng		0.00
7) Phenol-d6	6.78	99	1956837	166.88	ng		0.00
23) Nitrobenzene-d5	8.73	82	1320858	122.69	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	672061	174.92	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2634494	110.38	ng		0.00
79) Terphenyl-d14	19.59	244	3631572	112.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	22791	5.618	ng		98
3) Pyridine	3.55	79	54539	4.946	ng		97
4) n-Nitrosodimethylamine	3.46	42	22284	4.904	ng	#	97
6) Aniline	6.92	93	85489	5.361	ng		98
8) 2-Chlorophenol	7.16	128	51713	5.222	ng		97
9) Benzaldehyde	6.74	77	51405	8.580	ng		98
10) Phenol	6.80	94	69436	5.460	ng		96
11) bis(2-Chloroethyl)ether	7.03	93	56867	5.356	ng		95
12) 1,3-Dichlorobenzene	7.48	146	58066	5.092	ng		95
13) 1,4-Dichlorobenzene	7.63	146	59319	5.170	ng		97
14) 1,2-Dichlorobenzene	7.94	146	56768	5.165	ng		95
15) Benzyl Alcohol	7.83	79	41916	4.612	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	77694	5.157	ng		97
17) 2-Methylphenol	8.04	107	41745	4.492	ng		99
18) Hexachloroethane	8.66	117	20878	4.995	ng		93
19) n-Nitroso-di-n-propylamine	8.39	70	42887	5.472	ng	#	95
20) 3+4-Methylphenols	8.37	107	56230	4.483	ng		94
22) Acetophenone	8.40	105	84582	5.856	ng		98
24) Nitrobenzene	8.78	77	67692	5.849	ng		98
25) Isophorone	9.30	82	115085	5.249	ng		98
26) 2-Nitrophenol	9.49	139	23202	4.499	ng		95
27) 2,4-Dimethylphenol	9.56	122	26641	3.293	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	73729	5.645	ng		99
29) 2,4-Dichlorophenol	10.02	162	43636	4.792	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	54170	5.337	ng		96
31) Naphthalene	10.41	128	170801	5.719	ng		98
32) Benzoic acid	9.65	122	6954m	1.130	ng		
33) 4-Chloroaniline	10.53	127	64807	4.970	ng		100
34) Hexachlorobutadiene	10.72	225	29812	5.033	ng		99
35) Caprolactam	11.26	113	14611	4.549	ng		88
36) 4-Chloro-3-methylphenol	11.67	107	47315	4.802	ng		98
37) 2-Methylnaphthalene	12.04	142	120254	5.672	ng		99
38) 1-Methylnaphthalene	12.26	142	114319	5.745	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	61708	5.833	ng		99

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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	12.40	237	20768	3.693 ng	95
43) 2,4,6-Trichlorophenol	12.66	196	33208	4.436 ng	96
44) 2,4,5-Trichlorophenol	12.73	196	37401	4.314 ng	97
46) 1,1'-Biphenyl	13.07	154	164607	6.259 ng	98
47) 2-Chloronaphthalene	13.10	162	116523	5.416 ng	99
48) 2-Nitroaniline	13.31	65	28738	4.185 ng	97
49) Acenaphthylene	13.96	152	185535	5.403 ng	98
50) Dimethylphthalate	13.70	163	145586	5.295 ng	99
51) 2,6-Dinitrotoluene	13.81	165	28129	4.710 ng	93
52) Acenaphthene	14.30	154	114025	5.669 ng	96
53) 3-Nitroaniline	14.15	138	27061	3.969 ng	98
54) 2,4-Dinitrophenol	14.36	184	7141	2.180 ng	91
55) Dibenzofuran	14.65	168	188126	5.809 ng	99
56) 4-Nitrophenol	14.47	139	17706	3.270 ng	90
57) 2,4-Dinitrotoluene	14.61	165	33713	4.148 ng	90
58) Fluorene	15.30	166	144688	5.680 ng	96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	31722	4.610 ng	96
60) Diethylphthalate	15.09	149	142602	5.176 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	74304	6.018 ng	97
62) 4-Nitroaniline	15.31	138	26596	4.059 ng	97
63) Azobenzene	15.59	77	151444	5.522 ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	14894	3.238 ng	79
66) n-Nitrosodiphenylamine	15.52	169	127350	5.719 ng	97
67) 4-Bromophenyl-phenylether	16.19	248	42508	5.148 ng	92
68) Hexachlorobenzene	16.31	284	47576	5.430 ng	94
69) Atrazine	16.47	200	42671	5.874 ng	97
70) Pentachlorophenol	16.66	266	18711	3.569 ng	95
71) Phenanthrene	17.04	178	237276	5.819 ng	99
72) Anthracene	17.13	178	232560	5.741 ng	96
73) Carbazole	17.40	167	211106	5.298 ng	99
74) Di-n-butylphthalate	17.99	149	220481	4.676 ng	98
75) Fluoranthene	19.02	202	269847	5.544 ng	98
77) Benzidine	19.21	184	104934	5.553 ng	98
78) Pyrene	19.37	202	286694	5.535 ng	99
80) Butylbenzylphthalate	20.27	149	92224	4.005 ng	99
81) Benzo(a)anthracene	21.09	228	283002	5.863 ng	95
82) 3,3'-Dichlorobenzidine	21.03	252	96182	5.362 ng	98
83) Chrysene	21.14	228	269582	5.895 ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	159400	4.759 ng	98
85) Di-n-octyl phthalate	21.91	149	260786	4.439 ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	300909	5.162 ng	98
88) Benzo(b)fluoranthene	22.64	252	262577	5.224 ng	98
89) Benzo(k)fluoranthene	22.69	252	279133m	5.845 ng	
90) Benzo(a)pyrene	23.20	252	239752	5.090 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	255045	5.454 ng	97
92) Benzo(g,h,i)perylene	26.18	276	258926	5.347 ng	96

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

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