Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035868.D
Acq On : 19 Jul 2022 17:28
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 18:04:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	356658	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1459270	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	825295	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1515133	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1257120	20.000	ng		0.00
86) Perylene-d12	23.821	264	1205842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2542790	110.529	ng		0.00
7) Phenol-d6	7.063	99	3344524	115.610	ng		0.00
23) Nitrobenzene-d5	9.063	82	2281050	83.603	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1028490	111.412	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4967593	85.082	ng		0.00
79) Terphenyl-d14	19.892	244	5538207	85.715	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	67164	7.063	ng		92
3) Pyridine	3.728	79	165728	6.558	ng		92
4) n-Nitrosodimethylamine	3.640	42	78257	7.410	ng	#	70
6) Aniline	7.222	93	260851	8.211	ng		96
8) 2-Chlorophenol	7.457	128	171744	7.224	ng		98
9) Benzaldehyde	7.034	77	154917m	9.532	ng		
10) Phenol	7.087	94	210821	7.236	ng		96
11) bis(2-Chloroethyl)ether	7.322	93	173909	7.398	ng		96
12) 1,3-Dichlorobenzene	7.787	146	193635	7.303	ng		96
13) 1,4-Dichlorobenzene	7.934	146	196517	7.279	ng		99
14) 1,2-Dichlorobenzene	8.251	146	192403	7.368	ng		97
15) Benzyl Alcohol	8.140	79	131464	6.897	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.434	45	229249	7.490	ng		98
17) 2-Methylphenol	8.340	107	133867	7.077	ng		95
18) Hexachloroethane	8.981	117	70656	7.275	ng		94
19) n-Nitroso-di-n-propyla...	8.710	70	126593	7.548	ng		91
20) 3+4-Methylphenols	8.669	107	177206	6.932	ng		96
22) Acetophenone	8.722	105	261940	7.263	ng	#	94
24) Nitrobenzene	9.104	77	199229	7.774	ng		99
25) Isophorone	9.628	82	336173	7.876	ng	#	97
26) 2-Nitrophenol	9.816	139	69771	6.044	ng		94
27) 2,4-Dimethylphenol	9.875	122	144814	7.953	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	219102	7.375	ng		99
29) 2,4-Dichlorophenol	10.345	162	135148	6.694	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	167351	7.182	ng		96
31) Naphthalene	10.751	128	555270	7.489	ng		99
32) Benzoic acid	9.945	122	49486	3.593	ng		96
33) 4-Chloroaniline	10.863	127	225344	7.597	ng		96
34) Hexachlorobutadiene	11.039	225	94170	7.042	ng		99
35) Caprolactam	11.628	113	35302	5.717	ng		97
36) 4-Chloro-3-methylphenol	11.986	107	141403	6.830	ng		97
37) 2-Methylnaphthalene	12.363	142	358402	7.431	ng		98
38) 1-Methylnaphthalene	12.580	142	347463	7.401	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	170313	7.223	ng		98
41) Hexachlorocyclopentadiene	12.704	237	98168	7.724	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	99440	6.380	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	105679	6.431	ng	98
46) 1,1'-Biphenyl	13.375	154	468541	7.463	ng	99
47) 2-Chloronaphthalene	13.410	162	351716	7.289	ng	98
48) 2-Nitroaniline	13.616	65	81281	6.113	ng	94
49) Acenaphthylene	14.257	152	562052	7.565	ng	99
50) Dimethylphthalate	13.992	163	377325	6.946	ng	99
51) 2,6-Dinitrotoluene	14.110	165	77842	6.853	ng	95
52) Acenaphthene	14.598	154	324631	7.294	ng	99
53) 3-Nitroaniline	14.439	138	85824	6.275	ng	97
54) 2,4-Dinitrophenol	14.639	184	23837	4.259	ng	98
55) Dibenzofuran	14.927	168	514620	7.216	ng	97
56) 4-Nitrophenol	14.739	139	59171	5.514	ng	88
57) 2,4-Dinitrotoluene	14.892	165	87895	5.913	ng	93
58) Fluorene	15.574	166	395410	7.062	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	81313	6.156	ng	97
60) Diethylphthalate	15.357	149	365265	6.786	ng	98
61) 4-Chlorophenyl-phenyle...	15.574	204	188215	6.909	ng	94
62) 4-Nitroaniline	15.592	138	79652	5.688	ng	93
63) Azobenzene	15.869	77	373906	6.765	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	34718	4.563	ng	98
66) n-Nitrosodiphenylamine	15.786	169	325601	7.319	ng	98
67) 4-Bromophenyl-phenylether	16.468	248	106870	7.017	ng	94
68) Hexachlorobenzene	16.568	284	128102	7.245	ng	95
69) Atrazine	16.739	200	90065	7.704	ng	99
70) Pentachlorophenol	16.916	266	55637	5.671	ng	96
71) Phenanthrene	17.310	178	582345	7.306	ng	100
72) Anthracene	17.404	178	565282	7.296	ng	100
73) Carbazole	17.674	167	515899	6.565	ng	99
74) Di-n-butylphthalate	18.245	149	484024	6.049	ng	99
75) Fluoranthene	19.321	202	572115	6.604	ng	97
77) Benzidine	19.515	184	242126	10.970	ng	99
78) Pyrene	19.686	202	602432	7.329	ng	99
80) Butylbenzylphthalate	20.592	149	158841	5.413	ng	97
81) Benzo(a)anthracene	21.427	228	557683	7.008	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	171756	9.214	ng	100
83) Chrysene	21.480	228	527921	6.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	232456	5.621	ng	97
85) Di-n-octyl phthalate	22.292	149	349833	5.332	ng	99
87) Indeno(1,2,3-cd)pyrene	26.291	276	569132	6.460	ng	98
88) Benzo(b)fluoranthene	23.097	252	528340	7.361	ng	99
89) Benzo(k)fluoranthene	23.145	252	519761	6.997	ng	98
90) Benzo(a)pyrene	23.715	252	493801	8.082	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	500530	6.836	ng	99
92) Benzo(g,h,i)perylene	27.050	276	505224	6.997	ng	98

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

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