Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072022\
Data File : BM035878.D
Acq On : 20 Jul 2022 13:08
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 20 14:07:48 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	7.893	152	317022	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1311846	20.000	ng		-0.01
39) Acenaphthene-d10	14.527	164	769406	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1437497	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1139223	20.000	ng		0.00
86) Perylene-d12	23.827	264	1059076	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	2453893	120.000	ng		0.00
7) Phenol-d6	7.057	99	3305410	128.543	ng		0.00
23) Nitrobenzene-d5	9.063	82	2275194	92.759	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1045716	121.507	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	5037599	92.548	ng		0.00
79) Terphenyl-d14	19.892	244	5642939	96.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	64563	7.638	ng		94
3) Pyridine	3.728	79	164527	7.324	ng		88
4) n-Nitrosodimethylamine	3.640	42	76499	8.149	ng	#	66
6) Aniline	7.222	93	257210	9.108	ng		96
8) 2-Chlorophenol	7.451	128	169347	8.014	ng		98
9) Benzaldehyde	7.028	77	153449m	10.622	ng		
10) Phenol	7.087	94	210426	8.125	ng		92
11) bis(2-Chloroethyl)ether	7.322	93	171945	8.229	ng		96
12) 1,3-Dichlorobenzene	7.781	146	184977	7.848	ng		98
13) 1,4-Dichlorobenzene	7.928	146	191006	7.959	ng		97
14) 1,2-Dichlorobenzene	8.246	146	183126	7.890	ng		97
15) Benzyl Alcohol	8.134	79	129351	7.634	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.428	45	228920	8.415	ng		97
17) 2-Methylphenol	8.340	107	134598	8.006	ng		95
18) Hexachloroethane	8.975	117	67365	7.803	ng		94
19) n-Nitroso-di-n-propyla...	8.704	70	125590	8.424	ng		88
20) 3+4-Methylphenols	8.669	107	174162	7.664	ng		97
22) Acetophenone	8.722	105	261430	8.064	ng	#	93
24) Nitrobenzene	9.098	77	199778	8.672	ng		99
25) Isophorone	9.628	82	337447	8.794	ng	#	97
26) 2-Nitrophenol	9.810	139	69376	6.685	ng		96
27) 2,4-Dimethylphenol	9.875	122	147565	9.014	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	220453	8.255	ng		99
29) 2,4-Dichlorophenol	10.345	162	133362	7.348	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	162067	7.737	ng		99
31) Naphthalene	10.751	128	556433	8.348	ng		99
32) Benzoic acid	9.940	122	52342m	4.228	ng		
33) 4-Chloroaniline	10.863	127	226175	8.482	ng		96
34) Hexachlorobutadiene	11.034	225	91099	7.578	ng		99
35) Caprolactam	11.622	113	36340	6.547	ng		94
36) 4-Chloro-3-methylphenol	11.981	107	141093	7.581	ng		99
37) 2-Methylnaphthalene	12.357	142	361728	8.342	ng		97
38) 1-Methylnaphthalene	12.581	142	351352	8.325	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	169320	7.703	ng		99
41) Hexachlorocyclopentadiene	12.704	237	96970	8.184	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	98008	6.745	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	105541	6.889	ng	98
46) 1,1'-Biphenyl	13.369	154	474818	8.112	ng	99
47) 2-Chloronaphthalene	13.410	162	351620	7.816	ng	98
48) 2-Nitroaniline	13.616	65	83874	6.766	ng	95
49) Acenaphthylene	14.251	152	578480	8.351	ng	99
50) Dimethylphthalate	13.992	163	389932	7.700	ng	98
51) 2,6-Dinitrotoluene	14.110	165	78405	7.404	ng	95
52) Acenaphthene	14.592	154	328497	7.916	ng	98
53) 3-Nitroaniline	14.433	138	87339	6.850	ng	100
54) 2,4-Dinitrophenol	14.639	184	25094	4.809	ng	93
55) Dibenzofuran	14.927	168	524786	7.894	ng	97
56) 4-Nitrophenol	14.733	139	60216	6.019	ng	90
57) 2,4-Dinitrotoluene	14.892	165	91624	6.611	ng	97
58) Fluorene	15.574	166	412131	7.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	81498	6.618	ng	98
60) Diethylphthalate	15.351	149	375086	7.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.569	204	196006	7.717	ng	98
62) 4-Nitroaniline	15.592	138	82853	6.346	ng	92
63) Azobenzene	15.863	77	391265	7.593	ng	92
65) 4,6-Dinitro-2-methylph...	15.645	198	35405	4.905	ng	94
66) n-Nitrosodiphenylamine	15.786	169	332171	7.869	ng	99
67) 4-Bromophenyl-phenylether	16.463	248	107090	7.411	ng	98
68) Hexachlorobenzene	16.569	284	130990	7.809	ng	94
69) Atrazine	16.733	200	92129	8.306	ng	97
70) Pentachlorophenol	16.916	266	57049	6.129	ng	98
71) Phenanthrene	17.310	178	601303	7.952	ng	99
72) Anthracene	17.398	178	583804	7.942	ng	100
73) Carbazole	17.668	167	536634	7.197	ng	97
74) Di-n-butylphthalate	18.245	149	495426	6.526	ng	100
75) Fluoranthene	19.321	202	583808	7.103	ng	98
77) Benzidine	19.515	184	231503	11.574	ng	99
78) Pyrene	19.686	202	615447	8.262	ng	99
80) Butylbenzylphthalate	20.592	149	157327	5.917	ng	97
81) Benzo(a)anthracene	21.433	228	544053	7.544	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	160962	9.529	ng	98
83) Chrysene	21.480	228	524541	7.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	222318	5.932	ng	99
85) Di-n-octyl phthalate	22.292	149	327074	5.501	ng	99
87) Indeno(1,2,3-cd)pyrene	26.291	276	538589	6.960	ng	97
88) Benzo(b)fluoranthene	23.098	252	497931m	7.898	ng	
89) Benzo(k)fluoranthene	23.145	252	511809	7.845	ng	98
90) Benzo(a)pyrene	23.715	252	467679	8.716	ng	98
91) Dibenzo(a,h)anthracene	26.309	278	477300	7.423	ng	98
92) Benzo(g,h,i)perylene	27.044	276	476863	7.520	ng	99

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

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