Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
Data File : BM038516.D
Acq On : 23 Jan 2023 19:40
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:16:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	53963	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	178475	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	114320	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	269052	20.000	ng		0.00
76) Chrysene-d12	21.515	240	296895	20.000	ng		0.00
86) Perylene-d12	23.933	264	375160	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	390017	119.480	ng		0.00
7) Phenol-d6	7.128	99	491308	117.965	ng		0.00
23) Nitrobenzene-d5	9.140	82	318662	77.534	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	226202	137.405	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	721240	77.715	ng		0.00
79) Terphenyl-d14	19.957	244	1190035	78.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	11902	7.774	ng		97
3) Pyridine	3.805	79	25178	6.261	ng		98
4) n-Nitrosodimethylamine	3.705	42	14325	7.504	ng	#	85
6) Aniline	7.299	93	37808	7.313	ng		92
8) 2-Chlorophenol	7.528	128	26775	8.029	ng		94
9) Benzaldehyde	7.110	77	26980m	10.921	ng		
10) Phenol	7.157	94	33642	8.084	ng		92
11) bis(2-Chloroethyl)ether	7.393	93	25634	7.807	ng		98
12) 1,3-Dichlorobenzene	7.851	146	30674	8.091	ng		97
13) 1,4-Dichlorobenzene	8.004	146	30638	7.998	ng		97
14) 1,2-Dichlorobenzene	8.322	146	30596	8.246	ng		98
15) Benzyl Alcohol	8.216	79	23190	7.447	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.504	45	28410	8.239	ng		98
17) 2-Methylphenol	8.416	107	20021	6.797	ng		94
18) Hexachloroethane	9.045	117	11969	8.405	ng		94
19) n-Nitroso-di-n-propyla...	8.775	70	21063	7.265	ng		96
20) 3+4-Methylphenols	8.745	107	26776	6.783	ng		95
22) Acetophenone	8.798	105	40593	8.256	ng	#	94
24) Nitrobenzene	9.181	77	35639	8.570	ng		93
25) Isophorone	9.704	82	52833	7.790	ng		99
26) 2-Nitrophenol	9.892	139	11437	6.929	ng		95
27) 2,4-Dimethylphenol	9.951	122	18762	6.830	ng		90
28) bis(2-Chloroethoxy)met...	10.187	93	31821	8.020	ng		99
29) 2,4-Dichlorophenol	10.428	162	23854	7.401	ng		98
30) 1,2,4-Trichlorobenzene	10.639	180	30073	8.159	ng		99
31) Naphthalene	10.828	128	73471	7.578	ng		98
32) Benzoic acid	10.034	122	10122m	9.747	ng		
33) 4-Chloroaniline	10.945	127	28774	7.110	ng		95
34) Hexachlorobutadiene	11.098	225	20583	8.490	ng		97
35) Caprolactam	11.728	113	4925	6.303	ng	#	87
36) 4-Chloro-3-methylphenol	12.063	107	22053	7.525	ng		97
37) 2-Methylnaphthalene	12.433	142	50346	7.225	ng		97
38) 1-Methylnaphthalene	12.651	142	48417m	7.368	ng		
40) 1,2,4,5-Tetrachloroben...	12.798	216	35322	8.214	ng		98
41) Hexachlorocyclopentadiene	12.769	237	18212	7.705	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	20615	7.489	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	22383	6.942	ng		88
46) 1,1'-Biphenyl	13.439	154	71674	7.829	ng		97
47) 2-Chloronaphthalene	13.480	162	56112	7.851	ng		99
48) 2-Nitroaniline	13.698	65	14243	6.786	ng		91
49) Acenaphthylene	14.327	152	80264	7.178	ng		98
50) Dimethylphthalate	14.057	163	66480	7.554	ng		99
51) 2,6-Dinitrotoluene	14.186	165	12337	6.662	ng		95
52) Acenaphthene	14.663	154	50399	7.390	ng		94
53) 3-Nitroaniline	14.516	138	11310m	6.145	ng		
54) 2,4-Dinitrophenol	14.727	184	7095	9.463	ng		99
55) Dibenzofuran	14.998	168	87661	7.689	ng		99
56) 4-Nitrophenol	14.822	139	7830	5.166	ng		90
57) 2,4-Dinitrotoluene	14.975	165	17180	6.843	ng	#	89
58) Fluorene	15.645	166	67913	7.346	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	19139	7.262	ng		98
60) Diethylphthalate	15.416	149	62971	7.307	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	37695	7.766	ng		96
62) 4-Nitroaniline	15.674	138	11172	8.296	ng		87
63) Azobenzene	15.927	77	66424	7.275	ng		98
65) 4,6-Dinitro-2-methylph...	15.733	198	10521	6.024	ng		94
66) n-Nitrosodiphenylamine	15.851	169	58048	7.187	ng		99
67) 4-Bromophenyl-phenylether	16.533	248	22271	7.463	ng		96
68) Hexachlorobenzene	16.645	284	27460	8.527	ng		97
69) Atrazine	16.804	200	20560	7.630	ng		96
70) Pentachlorophenol	16.992	266	14105	6.151	ng		94
71) Phenanthrene	17.386	178	113171	7.532	ng		100
72) Anthracene	17.474	178	109518	7.163	ng		99
73) Carbazole	17.751	167	97124	7.214	ng		98
74) Di-n-butylphthalate	18.298	149	96662	6.535	ng		100
75) Fluoranthene	19.398	202	133882	7.414	ng		98
77) Benzidine	19.586	184	57326	8.473	ng		98
78) Pyrene	19.757	202	143203	6.927	ng		97
80) Butylbenzylphthalate	20.645	149	45289	6.335	ng		94
81) Benzo(a)anthracene	21.498	228	162443	7.722	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	58938	8.722	ng	#	99
83) Chrysene	21.551	228	160722	7.812	ng		99
84) Bis(2-ethylhexyl)phtha...	21.409	149	61569	5.943	ng		97
85) Di-n-octyl phthalate	22.339	149	110713	6.010	ng		99
87) Indeno(1,2,3-cd)pyrene	26.438	276	205458	7.401	ng		98
88) Benzo(b)fluoranthene	23.192	252	175027m	7.734	ng		
89) Benzo(k)fluoranthene	23.239	252	177140	7.564	ng	#	98
90) Benzo(a)pyrene	23.821	252	154867	6.902	ng		97
91) Dibenzo(a,h)anthracene	26.450	278	177370	7.676	ng		97
92) Benzo(g,h,i)perylene	27.215	276	185366	7.831	ng		97

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

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