Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038478.D
Acq On : 18 Jan 2023 13:50
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-10ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 06:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	46349	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	163104	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	98454	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	222712	20.000	ng		0.00
76) Chrysene-d12	21.527	240	239576	20.000	ng		0.00
86) Perylene-d12	23.944	264	290290	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	347234	114.278	ng		0.00
7) Phenol-d6	7.140	99	424175	108.979	ng		0.00
23) Nitrobenzene-d5	9.145	82	310574	77.585	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	174865	105.064	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	573661	72.665	ng		0.00
79) Terphenyl-d14	19.962	244	1008338	78.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	15218	10.960	ng		97
3) Pyridine	3.805	79	30752m	7.656	ng		
4) n-Nitrosodimethylamine	3.710	42	21984	9.250	ng		97
6) Aniline	7.298	93	42337	8.612	ng		99
8) 2-Chlorophenol	7.534	128	28102	9.341	ng		94
9) Benzaldehyde	7.116	77	31913	12.261	ng		99
10) Phenol	7.163	94	37119	9.152	ng		85
11) bis(2-Chloroethyl)ether	7.398	93	30152	9.173	ng		96
12) 1,3-Dichlorobenzene	7.857	146	31030	9.628	ng		96
13) 1,4-Dichlorobenzene	8.010	146	31721	9.784	ng		99
14) 1,2-Dichlorobenzene	8.328	146	29935	9.443	ng		98
15) Benzyl Alcohol	8.222	79	26617	8.538	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.510	45	44548	9.721	ng		94
17) 2-Methylphenol	8.422	107	22681	8.279	ng		97
18) Hexachloroethane	9.051	117	12715	9.574	ng		93
19) n-Nitroso-di-n-propyla...	8.787	70	25508	9.028	ng		95
20) 3+4-Methylphenols	8.751	107	30406	8.267	ng		95
22) Acetophenone	8.804	105	45234	9.382	ng		91
24) Nitrobenzene	9.187	77	41828	9.890	ng		97
25) Isophorone	9.710	82	60933	8.594	ng		97
26) 2-Nitrophenol	9.904	139	12170	8.196	ng		93
27) 2,4-Dimethylphenol	9.957	122	20973	8.295	ng		89
28) bis(2-Chloroethoxy)met...	10.198	93	36211	9.081	ng		94
29) 2,4-Dichlorophenol	10.434	162	22949	8.216	ng		98
30) 1,2,4-Trichlorobenzene	10.645	180	27867	8.627	ng		96
31) Naphthalene	10.834	128	78421	9.072	ng		98
32) Benzoic acid	10.039	122	11860m	10.150	ng		
33) 4-Chloroaniline	10.957	127	30716	8.096	ng		96
34) Hexachlorobutadiene	11.110	225	19879	8.776	ng		94
35) Caprolactam	11.733	113	5229	6.623	ng	#	93
36) 4-Chloro-3-methylphenol	12.069	107	24829	8.152	ng		94
37) 2-Methylnaphthalene	12.439	142	49387	7.814	ng		96
38) 1-Methylnaphthalene	12.657	142	48022	8.093	ng		97
40) 1,2,4,5-Tetrachloroben...	12.804	216	31825	8.637	ng		96
41) Hexachlorocyclopentadiene	12.775	237	18587	8.871	ng		98
43) 2,4,6-Trichlorophenol	13.051	196	19006	8.159	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	21100	7.683	ng		95
46) 1,1'-Biphenyl	13.445	154	70583	9.241	ng		99
47) 2-Chloronaphthalene	13.492	162	54674	9.094	ng		97
48) 2-Nitroaniline	13.704	65	17577	9.340	ng		93
49) Acenaphthylene	14.333	152	79058	8.341	ng		99
50) Dimethylphthalate	14.069	163	65831	8.250	ng	#	98
51) 2,6-Dinitrotoluene	14.192	165	12815	7.895	ng		90
52) Acenaphthene	14.674	154	48192	8.367	ng		96
53) 3-Nitroaniline	14.527	138	11359	8.655	ng		91
54) 2,4-Dinitrophenol	14.733	184	6941	10.388	ng		98
55) Dibenzofuran	15.004	168	82543	8.417	ng		98
56) 4-Nitrophenol	14.833	139	9110	9.760	ng		88
57) 2,4-Dinitrotoluene	14.980	165	16690	7.396	ng		94
58) Fluorene	15.657	166	64825	7.911	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	18388	7.551	ng		99
60) Diethylphthalate	15.421	149	65903	8.051	ng		100
61) 4-Chlorophenyl-phenyle...	15.645	204	35279	7.844	ng		97
62) 4-Nitroaniline	15.680	138	11383	8.564	ng		95
63) Azobenzene	15.939	77	79088	8.781	ng		98
65) 4,6-Dinitro-2-methylph...	15.739	198	10220	6.762	ng		92
66) n-Nitrosodiphenylamine	15.863	169	55075	8.428	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	20856	8.096	ng		97
68) Hexachlorobenzene	16.651	284	24527	8.502	ng	#	91
69) Atrazine	16.810	200	19830	8.581	ng		99
70) Pentachlorophenol	17.004	266	13832	6.568	ng		94
71) Phenanthrene	17.392	178	104413	8.474	ng		99
72) Anthracene	17.486	178	102182	8.069	ng		99
73) Carbazole	17.757	167	89756	8.105	ng		99
74) Di-n-butylphthalate	18.309	149	106671	8.111	ng		99
75) Fluoranthene	19.404	202	119152	7.692	ng		98
77) Benzidine	19.592	184	54790	10.437	ng		98
78) Pyrene	19.768	202	130181	8.165	ng		98
80) Butylbenzylphthalate	20.651	149	48352	8.297	ng		89
81) Benzo(a)anthracene	21.509	228	145631	8.452	ng		98
82) 3,3'-Dichlorobenzidine	21.445	252	51862	9.347	ng		94
83) Chrysene	21.562	228	138798	8.289	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	69315	8.274	ng		96
85) Di-n-octyl phthalate	22.350	149	125944	8.544	ng		96
87) Indeno(1,2,3-cd)pyrene	26.462	276	171618	7.988	ng		97
88) Benzo(b)fluoranthene	23.203	252	152537	8.474	ng		99
89) Benzo(k)fluoranthene	23.250	252	159371	8.562	ng		99
90) Benzo(a)pyrene	23.839	252	134960	7.640	ng	#	96
91) Dibenzo(a,h)anthracene	26.474	278	150305	8.337	ng		97
92) Benzo(g,h,i)perylene	27.244	276	155202	8.677	ng		97

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

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