Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015295.D
Acq On : 25 May 2023 17:11
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Quant Time: May 26 04:49:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	207980	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	830488	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	529464	20.000	ng		0.00
64) Phenanthrene-d10	17.510	188	1121135	20.000	ng		0.00
76) Chrysene-d12	21.586	240	872931	20.000	ng		0.00
86) Perylene-d12	24.145	264	840735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1311561	104.497	ng		0.00
7) Phenol-d6	7.263	99	1756406	106.782	ng		0.00
23) Nitrobenzene-d5	9.287	82	1330215	78.206	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	788803	109.631	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	2976279	75.469	ng		0.00
79) Terphenyl-d14	20.045	244	3881009	83.627	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	20899	3.759	ng		94
3) Pyridine	3.893	79	47585m	3.349	ng		
4) n-Nitrosodimethylamine	3.787	42	23644	3.566	ng	#	96
6) Aniline	7.428	93	82544	3.970	ng		97
8) 2-Chlorophenol	7.669	128	51510	3.927	ng		94
10) Phenol	7.287	94	65087	3.951	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	55154	3.994	ng		100
12) 1,3-Dichlorobenzene	7.999	146	59502	4.077	ng		99
13) 1,4-Dichlorobenzene	8.146	146	61529	4.188	ng		95
14) 1,2-Dichlorobenzene	8.469	146	58869	4.200	ng		97
15) Benzyl Alcohol	8.358	79	39517	3.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	77765m	4.368	ng		
17) 2-Methylphenol	8.558	107	41701	3.557	ng		98
18) Hexachloroethane	9.205	117	21399	3.865	ng		97
19) n-Nitroso-di-n-propyla...	8.922	70	43614	4.143	ng		98
20) 3+4-Methylphenols	8.887	107	54919	3.468	ng		98
22) Acetophenone	8.946	105	87363	4.050	ng	#	100
24) Nitrobenzene	9.328	77	68791	4.062	ng		94
25) Isophorone	9.857	82	113822	3.729	ng		99
26) 2-Nitrophenol	10.052	139	23590	3.173	ng		96
27) 2,4-Dimethylphenol	10.099	122	46946	3.767	ng		99
28) bis(2-Chloroethoxy)met...	10.340	93	75298	4.003	ng		96
29) 2,4-Dichlorophenol	10.587	162	44370	3.434	ng		97
30) 1,2,4-Trichlorobenzene	10.799	180	56910	3.948	ng		99
31) Naphthalene	10.993	128	175946	4.023	ng		99
32) Benzoic acid	10.175	122	11137m	7.322	ng		
33) 4-Chloroaniline	11.110	127	62426	3.452	ng		98
34) Hexachlorobutadiene	11.269	225	35062	3.839	ng		95
35) Caprolactam	11.875	113	13236	3.336	ng		97
36) 4-Chloro-3-methylphenol	12.216	107	50144	3.569	ng		98
37) 2-Methylnaphthalene	12.593	142	123424	3.970	ng		97
38) 1-Methylnaphthalene	12.810	142	114401	3.944	ng		99
40) 1,2,4,5-Tetrachloroben...	12.951	216	67404	3.880	ng		99
41) Hexachlorocyclopentadiene	12.928	237	29435	3.199	ng		95
43) 2,4,6-Trichlorophenol	13.193	196	36286	3.218	ng		97
44) 2,4,5-Trichlorophenol	13.269	196	40010	3.018	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.587	154	171964	4.099	ng		99
47) 2-Chloronaphthalene	13.634	162	128892	4.073	ng		98
48) 2-Nitroaniline	13.840	65	28227	2.920	ng		89
49) Acenaphthylene	14.475	152	189164	3.736	ng		99
50) Dimethylphthalate	14.204	163	159192	3.843	ng		98
51) 2,6-Dinitrotoluene	14.328	165	29854	3.414	ng		99
52) Acenaphthene	14.816	154	119756	3.971	ng		97
53) 3-Nitroaniline	14.663	138	26528	2.968	ng		88
54) 2,4-Dinitrophenol	14.875	184	10144	6.799	ng		93
55) Dibenzofuran	15.151	168	199378	4.041	ng		99
56) 4-Nitrophenol	14.969	139	16895m	5.488	ng		
57) 2,4-Dinitrotoluene	15.116	165	34782	3.025	ng		92
58) Fluorene	15.798	166	153192	4.020	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	37869	3.572	ng		99
60) Diethylphthalate	15.563	149	157576	3.819	ng		98
61) 4-Chlorophenyl-phenyle...	15.792	204	80142	4.108	ng		97
62) 4-Nitroaniline	15.822	138	24268m	4.709	ng		
63) Azobenzene	16.087	77	146980	3.734	ng		98
65) 4,6-Dinitro-2-methylph...	15.881	198	17406	2.556	ng		90
66) n-Nitrosodiphenylamine	16.004	169	130304	3.900	ng		100
67) 4-Bromophenyl-phenylether	16.687	248	45445	3.749	ng		99
68) Hexachlorobenzene	16.810	284	54668	4.095	ng		99
69) Atrazine	16.951	200	42650	3.998	ng		97
70) Pentachlorophenol	17.157	266	24014	2.625	ng		96
71) Phenanthrene	17.551	178	241310	4.038	ng		100
72) Anthracene	17.645	178	228237	3.814	ng		99
73) Carbazole	17.910	167	192755	3.637	ng		98
74) Di-n-butylphthalate	18.439	149	225764	3.318	ng		100
75) Fluoranthene	19.504	202	250572	3.590	ng		98
77) Benzidine	19.680	184	79641	5.761	ng		99
78) Pyrene	19.857	202	266750	4.271	ng		100
80) Butylbenzylphthalate	20.710	149	79693	3.011	ng		95
81) Benzo(a)anthracene	21.569	228	229650	3.786	ng		98
82) 3,3'-Dichlorobenzidine	21.498	252	72614	3.876	ng		97
83) Chrysene	21.627	228	226049	3.887	ng		99
84) Bis(2-ethylhexyl)phtha...	21.469	149	107545	2.759	ng		98
85) Di-n-octyl phthalate	22.439	149	157229	2.384	ng		99
87) Indeno(1,2,3-cd)pyrene	26.845	276	205575	3.374	ng		98
88) Benzo(b)fluoranthene	23.351	252	199932	3.911	ng	#	96
89) Benzo(k)fluoranthene	23.404	252	201177	3.908	ng		96
90) Benzo(a)pyrene	24.027	252	166904	3.382	ng	#	96
91) Dibenzo(a,h)anthracene	26.862	278	168726	3.372	ng		98
92) Benzo(g,h,i)perylene	27.680	276	169170	3.327	ng		98

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

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