Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015296.D
Acq On : 25 May 2023 17:45
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 26 04:50:09 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	215280	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	855080	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	531913	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1077242	20.000	ng		0.00
76) Chrysene-d12	21.580	240	822346	20.000	ng		0.00
86) Perylene-d12	24.139	264	896534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1266038	97.449	ng		0.00
7) Phenol-d6	7.257	99	1668142	97.977	ng		0.00
23) Nitrobenzene-d5	9.287	82	1223257	69.849	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	683449	94.551	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2648380	66.845	ng		0.00
79) Terphenyl-d14	20.039	244	3129100	71.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	40876	7.103	ng		97
3) Pyridine	3.887	79	95849	6.518	ng		98
4) n-Nitrosodimethylamine	3.787	42	46512	6.777	ng		97
6) Aniline	7.428	93	155260	7.215	ng		96
8) 2-Chlorophenol	7.663	128	97333	7.169	ng		96
9) Benzaldehyde	7.240	77	93342	6.713	ng		97
10) Phenol	7.287	94	123251	7.228	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	105162	7.358	ng		97
12) 1,3-Dichlorobenzene	7.993	146	112687	7.459	ng		99
13) 1,4-Dichlorobenzene	8.146	146	113820	7.485	ng		98
14) 1,2-Dichlorobenzene	8.463	146	110360	7.607	ng		98
15) Benzyl Alcohol	8.351	79	81555	6.863	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.646	45	143143m	7.767	ng		
17) 2-Methylphenol	8.551	107	82788	6.822	ng		95
18) Hexachloroethane	9.198	117	42893	7.484	ng		91
19) n-Nitroso-di-n-propyla...	8.922	70	81344	7.465	ng		100
20) 3+4-Methylphenols	8.881	107	109347	6.670	ng		97
22) Acetophenone	8.940	105	165289	7.442	ng	#	99
24) Nitrobenzene	9.328	77	125554	7.200	ng		97
25) Isophorone	9.851	82	214007	6.810	ng		98
26) 2-Nitrophenol	10.046	139	48997	6.402	ng		96
27) 2,4-Dimethylphenol	10.098	122	91378	7.121	ng		97
28) bis(2-Chloroethoxy)met...	10.340	93	139843	7.220	ng		99
29) 2,4-Dichlorophenol	10.581	162	89870	6.755	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	106183	7.155	ng		99
31) Naphthalene	10.987	128	326126	7.242	ng		99
32) Benzoic acid	10.175	122	30405	8.939	ng		99
33) 4-Chloroaniline	11.104	127	122829	6.597	ng		98
34) Hexachlorobutadiene	11.269	225	66926	7.117	ng		98
35) Caprolactam	11.869	113	24725	6.053	ng		99
36) 4-Chloro-3-methylphenol	12.210	107	97517	6.741	ng		99
37) 2-Methylnaphthalene	12.587	142	224130	7.003	ng		100
38) 1-Methylnaphthalene	12.804	142	213267	7.142	ng		99
40) 1,2,4,5-Tetrachloroben...	12.951	216	122319	7.008	ng		99
41) Hexachlorocyclopentadiene	12.922	237	61363	6.638	ng		99
43) 2,4,6-Trichlorophenol	13.187	196	71368	6.300	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	78384	5.886	ng	99
46) 1,1'-Biphenyl	13.586	154	304431	7.223	ng	100
47) 2-Chloronaphthalene	13.628	162	231320	7.276	ng	100
48) 2-Nitroaniline	13.834	65	57261	5.896	ng	90
49) Acenaphthylene	14.475	152	347295	6.827	ng	99
50) Dimethylphthalate	14.198	163	281482	6.764	ng	100
51) 2,6-Dinitrotoluene	14.322	165	55748	6.345	ng	95
52) Acenaphthene	14.816	154	213436	7.044	ng	94
53) 3-Nitroaniline	14.657	138	51980	5.789	ng	91
54) 2,4-Dinitrophenol	14.869	184	21998	8.667	ng	95
55) Dibenzofuran	15.145	168	349321	7.048	ng	99
56) 4-Nitrophenol	14.957	139	35259	7.707	ng	96
57) 2,4-Dinitrotoluene	15.110	165	67563	5.848	ng	95
58) Fluorene	15.798	166	270694	7.071	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.375	232	69934	6.566	ng	100
60) Diethylphthalate	15.557	149	271729	6.555	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	136218	6.950	ng	98
62) 4-Nitroaniline	15.816	138	46236m	6.864	ng	
63) Azobenzene	16.080	77	265386	6.711	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	34499	5.273	ng	92
66) n-Nitrosodiphenylamine	15.998	169	230341	7.176	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	79972	6.866	ng	98
68) Hexachlorobenzene	16.804	284	93019	7.252	ng	98
69) Atrazine	16.951	200	74339	7.253	ng	98
70) Pentachlorophenol	17.151	266	44897	5.107	ng	97
71) Phenanthrene	17.545	178	407559	7.099	ng	99
72) Anthracene	17.639	178	396146	6.889	ng	100
73) Carbazole	17.904	167	334276	6.565	ng	99
74) Di-n-butylphthalate	18.433	149	386328	5.908	ng	100
75) Fluoranthene	19.498	202	413966	6.172	ng	100
77) Benzidine	19.680	184	155441	11.937	ng	99
78) Pyrene	19.851	202	433608	7.369	ng	99
80) Butylbenzylphthalate	20.710	149	140582	5.638	ng	99
81) Benzo(a)anthracene	21.563	228	386121	6.758	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	130407	7.389	ng	99
83) Chrysene	21.621	228	371988	6.789	ng	97
84) Bis(2-ethylhexyl)phtha...	21.463	149	196068	5.339	ng	99
85) Di-n-octyl phthalate	22.439	149	322341	5.189	ng	99
87) Indeno(1,2,3-cd)pyrene	26.833	276	426483	6.563	ng	98
88) Benzo(b)fluoranthene	23.351	252	368661	6.763	ng	98
89) Benzo(k)fluoranthene	23.404	252	373064	6.797	ng	99
90) Benzo(a)pyrene	24.021	252	311546	5.920	ng	98
91) Dibenzo(a,h)anthracene	26.856	278	349690	6.553	ng	99
92) Benzo(g,h,i)perylene	27.668	276	347987	6.418	ng	99

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

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