Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015292.D
Acq On : 25 May 2023 15:11
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-5ppm
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 15:54:30 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 :
LOQ-WATER-02-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	206279	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	811621	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	484838	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	979735	20.000	ng		0.00
76) Chrysene-d12	21.580	240	788883	20.000	ng		0.00
86) Perylene-d12	24.133	264	874585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1257568	101.021	ng		0.00
7) Phenol-d6	7.263	99	1683795	103.212	ng		0.00
23) Nitrobenzene-d5	9.287	82	1261136	75.868	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	671580	101.930	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2722055	75.376	ng		0.00
79) Terphenyl-d14	20.039	244	3213940	76.631	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	25203	4.571	ng		97
3) Pyridine	3.887	79	58229m	4.132	ng		
4) n-Nitrosodimethylamine	3.787	42	30703	4.669	ng	#	96
6) Aniline	7.428	93	101264	4.911	ng		98
8) 2-Chlorophenol	7.669	128	64068	4.925	ng		98
10) Phenol	7.287	94	80441	4.923	ng		97
11) bis(2-Chloroethyl)ether	7.528	93	68237	4.983	ng		99
12) 1,3-Dichlorobenzene	7.999	146	74189	5.125	ng		98
13) 1,4-Dichlorobenzene	8.146	146	75803	5.202	ng		100
14) 1,2-Dichlorobenzene	8.463	146	71112	5.115	ng		96
15) Benzyl Alcohol	8.352	79	51683	4.539	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.646	45	94397m	5.346	ng		
17) 2-Methylphenol	8.552	107	52243	4.493	ng		96
18) Hexachloroethane	9.199	117	27612	5.028	ng		97
19) n-Nitroso-di-n-propyla...	8.922	70	53325	5.107	ng		98
20) 3+4-Methylphenols	8.887	107	69078	4.398	ng		98
22) Acetophenone	8.946	105	97880	4.643	ng	#	99
24) Nitrobenzene	9.328	77	84356	5.097	ng		97
25) Isophorone	9.857	82	134916	4.523	ng		98
26) 2-Nitrophenol	10.046	139	29861	4.110	ng		97
27) 2,4-Dimethylphenol	10.099	122	56151	4.610	ng		98
28) bis(2-Chloroethoxy)met...	10.340	93	90439	4.919	ng		98
29) 2,4-Dichlorophenol	10.587	162	54757	4.336	ng		97
30) 1,2,4-Trichlorobenzene	10.799	180	69525	4.935	ng		98
31) Naphthalene	10.987	128	208430	4.876	ng		98
32) Benzoic acid	10.175	122	15536m	7.740	ng		
33) 4-Chloroaniline	11.104	127	76427	4.325	ng		99
34) Hexachlorobutadiene	11.269	225	42794	4.795	ng		99
35) Caprolactam	11.875	113	14234	3.671	ng		99
36) 4-Chloro-3-methylphenol	12.210	107	59731	4.350	ng		98
37) 2-Methylnaphthalene	12.587	142	144738	4.764	ng		99
38) 1-Methylnaphthalene	12.804	142	135959	4.797	ng		97
40) 1,2,4,5-Tetrachloroben...	12.951	216	74793	4.701	ng		100
41) Hexachlorocyclopentadiene	12.928	237	35763	4.244	ng		98
43) 2,4,6-Trichlorophenol	13.187	196	44483	4.308	ng		96
44) 2,4,5-Trichlorophenol	13.263	196	49704	4.094	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.587	154	186017	4.842	ng	100
47) 2-Chloronaphthalene	13.634	162	149267	5.151	ng	99
48) 2-Nitroaniline	13.840	65	33934	3.833	ng	92
49) Acenaphthylene	14.475	152	213243	4.599	ng	99
50) Dimethylphthalate	14.198	163	176547	4.654	ng	100
51) 2,6-Dinitrotoluene	14.322	165	32928	4.112	ng	98
52) Acenaphthene	14.816	154	136206	4.932	ng	96
53) 3-Nitroaniline	14.663	138	29704	3.629	ng	93
54) 2,4-Dinitrophenol	14.869	184	11728	7.223	ng	92
55) Dibenzofuran	15.145	168	222428	4.923	ng	99
56) 4-Nitrophenol	14.963	139	20145	6.110	ng	96
57) 2,4-Dinitrotoluene	15.116	165	39012	3.705	ng	97
58) Fluorene	15.798	166	169998	4.872	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.369	232	43119	4.441	ng	97
60) Diethylphthalate	15.557	149	165614	4.383	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	86792	4.858	ng	99
62) 4-Nitroaniline	15.816	138	25244	5.036	ng	91
63) Azobenzene	16.081	77	160156	4.443	ng	98
65) 4,6-Dinitro-2-methylph...	15.881	198	19453	3.269	ng	97
66) n-Nitrosodiphenylamine	16.004	169	141785	4.857	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	49802	4.701	ng	95
68) Hexachlorobenzene	16.804	284	59572	5.106	ng	96
69) Atrazine	16.951	200	41094	4.408	ng	95
70) Pentachlorophenol	17.151	266	25226	3.155	ng	99
71) Phenanthrene	17.545	178	256561	4.913	ng	99
72) Anthracene	17.639	178	245041	4.686	ng	99
73) Carbazole	17.910	167	201859	4.359	ng	98
74) Di-n-butylphthalate	18.439	149	232241	3.905	ng	99
75) Fluoranthene	19.498	202	262565	4.304	ng	98
77) Benzidine	19.680	184	67637	5.414	ng	99
78) Pyrene	19.851	202	272051	4.820	ng	99
80) Butylbenzylphthalate	20.710	149	89755	3.752	ng	98
81) Benzo(a)anthracene	21.563	228	250902	4.577	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	75814	4.478	ng	100
83) Chrysene	21.621	228	246213	4.684	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	130653	3.709	ng	100
85) Di-n-octyl phthalate	22.433	149	215626	3.618	ng	99
87) Indeno(1,2,3-cd)pyrene	26.827	276	288127	4.545	ng	99
88) Benzo(b)fluoranthene	23.345	252	255337	4.802	ng	97
89) Benzo(k)fluoranthene	23.398	252	246362	4.601	ng	99
90) Benzo(a)pyrene	24.021	252	215968	4.207	ng	99
91) Dibenzo(a,h)anthracene	26.851	278	238544	4.582	ng	98
92) Benzo(g,h,i)perylene	27.668	276	242319	4.581	ng	97

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

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