Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015291.D
Acq On : 25 May 2023 14:37
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-10ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 17:06:22 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

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	206309	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	808644	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	483820	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	950482	20.000	ng		0.00
76) Chrysene-d12	21.580	240	795750	20.000	ng		0.00
86) Perylene-d12	24.133	264	906623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1154471	92.726	ng		0.00
7) Phenol-d6	7.263	99	1510053	92.548	ng		0.00
23) Nitrobenzene-d5	9.287	82	1121558	67.720	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	578429	87.977	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2423680	67.255	ng		0.00
79) Terphenyl-d14	20.039	244	2835237	67.018	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	44227	8.020	ng		95
3) Pyridine	3.881	79	102476	7.271	ng		99
4) n-Nitrosodimethylamine	3.787	42	51719	7.863	ng		95
6) Aniline	7.428	93	170825	8.283	ng		96
8) 2-Chlorophenol	7.669	128	107980	8.299	ng		98
9) Benzaldehyde	7.240	77	101309	8.457	ng		98
10) Phenol	7.287	94	134087	8.206	ng		96
11) bis(2-Chloroethyl)ether	7.522	93	115722	8.449	ng		98
12) 1,3-Dichlorobenzene	7.999	146	125208	8.648	ng		99
13) 1,4-Dichlorobenzene	8.146	146	127267	8.733	ng		98
14) 1,2-Dichlorobenzene	8.463	146	119172	8.571	ng		98
15) Benzyl Alcohol	8.351	79	86298	7.578	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.646	45	155949m	8.830	ng		
17) 2-Methylphenol	8.551	107	87990	7.566	ng		96
18) Hexachloroethane	9.198	117	44530	8.108	ng		99
19) n-Nitroso-di-n-propyla...	8.922	70	88896	8.513	ng		99
20) 3+4-Methylphenols	8.887	107	118718	7.557	ng		98
22) Acetophenone	8.946	105	177904	8.470	ng	#	97
24) Nitrobenzene	9.328	77	135623	8.224	ng		97
25) Isophorone	9.851	82	227907	7.668	ng		97
26) 2-Nitrophenol	10.045	139	51820	7.159	ng		94
27) 2,4-Dimethylphenol	10.098	122	96533	7.955	ng		97
28) bis(2-Chloroethoxy)met...	10.340	93	150516	8.217	ng		99
29) 2,4-Dichlorophenol	10.581	162	97455	7.745	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	114962	8.191	ng		96
31) Naphthalene	10.987	128	347429	8.158	ng		99
32) Benzoic acid	10.181	122	33360	9.355	ng		89
33) 4-Chloroaniline	11.104	127	130551	7.415	ng		98
34) Hexachlorobutadiene	11.269	225	71768	8.071	ng		99
35) Caprolactam	11.875	113	25918	6.710	ng		96
36) 4-Chloro-3-methylphenol	12.210	107	103968	7.600	ng		97
37) 2-Methylnaphthalene	12.586	142	239451	7.911	ng		98
38) 1-Methylnaphthalene	12.804	142	224603	7.953	ng		98
40) 1,2,4,5-Tetrachloroben...	12.951	216	131961	8.312	ng		99
41) Hexachlorocyclopentadiene	12.928	237	69684	8.287	ng		96
43) 2,4,6-Trichlorophenol	13.186	196	77272	7.499	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	84571	6.981	ng	94
46) 1,1'-Biphenyl	13.586	154	321480	8.386	ng	98
47) 2-Chloronaphthalene	13.634	162	242460	8.384	ng	98
48) 2-Nitroaniline	13.839	65	59935	6.785	ng	93
49) Acenaphthylene	14.475	152	363615	7.858	ng	98
50) Dimethylphthalate	14.198	163	285290	7.537	ng	99
51) 2,6-Dinitrotoluene	14.322	165	57526	7.198	ng	97
52) Acenaphthene	14.816	154	221709	8.045	ng	99
53) 3-Nitroaniline	14.657	138	52671	6.449	ng	100
54) 2,4-Dinitrophenol	14.869	184	22859	9.162	ng	94
55) Dibenzofuran	15.145	168	362604	8.043	ng	99
56) 4-Nitrophenol	14.957	139	36651	8.318	ng	94
57) 2,4-Dinitrotoluene	15.116	165	70943	6.751	ng	98
58) Fluorene	15.798	166	280198	8.047	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.375	232	70883	7.316	ng	100
60) Diethylphthalate	15.557	149	274664	7.284	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	142235	7.978	ng	99
62) 4-Nitroaniline	15.822	138	47246	7.426	ng	95
63) Azobenzene	16.080	77	268866	7.475	ng	100
65) 4,6-Dinitro-2-methylph...	15.880	198	36855	6.384	ng	96
66) n-Nitrosodiphenylamine	16.004	169	234516	8.280	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	82448	8.022	ng	98
68) Hexachlorobenzene	16.804	284	96138	8.494	ng	98
69) Atrazine	16.951	200	75374	8.335	ng	98
70) Pentachlorophenol	17.151	266	47507	6.125	ng	97
71) Phenanthrene	17.545	178	412333	8.139	ng	99
72) Anthracene	17.639	178	404716	7.977	ng	99
73) Carbazole	17.904	167	342745	7.629	ng	99
74) Di-n-butylphthalate	18.439	149	399511	6.925	ng	99
75) Fluoranthene	19.498	202	437195	7.388	ng	99
77) Benzidine	19.680	184	162278	12.878	ng	99
78) Pyrene	19.851	202	456144	8.012	ng	99
80) Butylbenzylphthalate	20.710	149	156526	6.487	ng	98
81) Benzo(a)anthracene	21.563	228	422698	7.645	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	150438	8.809	ng	99
83) Chrysene	21.621	228	411319	7.758	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	228909	6.442	ng	99
85) Di-n-octyl phthalate	22.439	149	385090	6.406	ng	99
87) Indeno(1,2,3-cd)pyrene	26.833	276	508604	7.740	ng	99
88) Benzo(b)fluoranthene	23.351	252	428613	7.776	ng	98
89) Benzo(k)fluoranthene	23.398	252	423663	7.633	ng	97
90) Benzo(a)pyrene	24.021	252	371949	6.989	ng	100
91) Dibenzo(a,h)anthracene	26.856	278	417532	7.737	ng	99
92) Benzo(g,h,i)perylene	27.668	276	415892	7.585	ng	99

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

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