Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
Data File : BP014071.D
Acq On : 13 Mar 2023 19:42
Operator : CG/JU
Sample : 01627-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 14 04:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	151939	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	541703	20.000	ng		0.00
39) Acenaphthene-d10	14.710	164	326299	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	664146	20.000	ng	#	0.00
76) Chrysene-d12	21.539	240	531741	20.000	ng		0.00
86) Perylene-d12	24.074	264	510829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	1056969	112.817	ng		0.00
7) Phenol-d6	7.222	99	1366305	111.076	ng		0.00
23) Nitrobenzene-d5	9.246	82	994960	83.949	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	551511	104.246	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	2059710	81.781	ng		0.00
79) Terphenyl-d14	19.998	244	2651653	82.229	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	16488	4.051	ng		97
3) Pyridine	3.905	79	34567m	3.058	ng		
4) n-Nitrosodimethylamine	3.793	42	18890	3.765	ng	#	86
6) Aniline	7.399	93	57831	3.579	ng		98
8) 2-Chlorophenol	7.628	128	38393	3.826	ng		95
9) Benzaldehyde	7.205	77	39460	6.411	ng		95
10) Phenol	7.246	94	48981	3.826	ng		89
11) bis(2-Chloroethyl)ether	7.487	93	37682	3.718	ng		96
12) 1,3-Dichlorobenzene	7.958	146	43241	3.921	ng		97
13) 1,4-Dichlorobenzene	8.105	146	45173	4.049	ng		98
14) 1,2-Dichlorobenzene	8.428	146	42687	3.995	ng		97
15) Benzyl Alcohol	8.316	79	32736	3.264	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.599	45	49099	4.449	ng		98
17) 2-Methylphenol	8.516	107	30689	3.361	ng		96
18) Hexachloroethane	9.157	117	16377	3.908	ng		95
19) n-Nitroso-di-n-propyla...	8.875	70	28232	3.487	ng		97
20) 3+4-Methylphenols	8.846	107	39897	3.245	ng		97
22) Acetophenone	8.905	105	59097	3.889	ng	#	98
24) Nitrobenzene	9.287	77	50876	4.195	ng		96
25) Isophorone	9.810	82	72414	3.316	ng		98
26) 2-Nitrophenol	10.004	139	15889	3.012	ng		96
27) 2,4-Dimethylphenol	10.057	122	31062	3.622	ng		97
28) bis(2-Chloroethoxy)met...	10.293	93	47650	3.770	ng		96
29) 2,4-Dichlorophenol	10.546	162	29450	3.137	ng		91
30) 1,2,4-Trichlorobenzene	10.751	180	39853	3.739	ng		96
31) Naphthalene	10.946	128	116805	3.924	ng		98
32) Benzoic acid	10.175	122	8656m	3.851	ng		
33) 4-Chloroaniline	11.063	127	40621	3.183	ng		97
34) Hexachlorobutadiene	11.222	225	27953	3.607	ng	#	87
35) Caprolactam	11.840	113	7720m	2.873	ng		
36) 4-Chloro-3-methylphenol	12.169	107	33345	3.185	ng		95
37) 2-Methylnaphthalene	12.546	142	77495	3.529	ng		98
38) 1-Methylnaphthalene	12.763	142	72300	3.532	ng		98
40) 1,2,4,5-Tetrachloroben...	12.904	216	47698	3.835	ng		99
41) Hexachlorocyclopentadiene	12.881	237	23479	3.008	ng		98
43) 2,4,6-Trichlorophenol	13.145	196	25688	3.267	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	26404	2.898	ng		95
46) 1,1'-Biphenyl	13.545	154	107244	4.083	ng		99
47) 2-Chloronaphthalene	13.587	162	80602	3.987	ng		98
48) 2-Nitroaniline	13.798	65	17432	2.841	ng		93
49) Acenaphthylene	14.428	152	112301	3.493	ng		98
50) Dimethylphthalate	14.157	163	96196	3.574	ng		99
51) 2,6-Dinitrotoluene	14.281	165	17101	3.017	ng		93
52) Acenaphthene	14.775	154	73275	3.786	ng		94
53) 3-Nitroaniline	14.622	138	15911m	2.864	ng		
54) 2,4-Dinitrophenol	14.839	184	6587m	4.585	ng		
55) Dibenzofuran	15.104	168	121031	3.836	ng		98
56) 4-Nitrophenol	14.945	139	9694	2.143	ng	#	85
57) 2,4-Dinitrotoluene	15.075	165	20177	2.663	ng		93
58) Fluorene	15.757	166	92185	3.679	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.334	232	24293	3.057	ng		98
60) Diethylphthalate	15.516	149	89503	3.368	ng		99
61) 4-Chlorophenyl-phenyle...	15.745	204	48911	3.444	ng		96
62) 4-Nitroaniline	15.787	138	13991	2.529	ng	#	83
63) Azobenzene	16.039	77	83654	3.401	ng		96
65) 4,6-Dinitro-2-methylph...	15.839	198	10489	2.132	ng		89
66) n-Nitrosodiphenylamine	15.963	169	75684	3.606	ng		99
67) 4-Bromophenyl-phenylether	16.645	248	29290	3.334	ng		96
68) Hexachlorobenzene	16.763	284	35335	3.752	ng		96
69) Atrazine	16.910	200	25137	3.412	ng		97
70) Pentachlorophenol	17.116	266	15252	2.246	ng	#	80
71) Phenanthrene	17.504	178	140864	3.797	ng		97
72) Anthracene	17.598	178	133698	3.527	ng		99
73) Carbazole	17.869	167	109283	3.342	ng		99
74) Di-n-butylphthalate	18.392	149	119350	2.919	ng		99
75) Fluoranthene	19.463	202	145167	3.273	ng		97
77) Benzidine	19.639	184	56931	7.236	ng		97
78) Pyrene	19.810	202	151435	3.710	ng		99
80) Butylbenzylphthalate	20.669	149	42016	2.715	ng		96
81) Benzo(a)anthracene	21.522	228	134286	3.442	ng		99
82) 3,3'-Dichlorobenzidine	21.451	252	46575	3.731	ng		97
83) Chrysene	21.580	228	137617	3.725	ng		97
84) Bis(2-ethylhexyl)phtha...	21.422	149	56270	2.479	ng		98
85) Di-n-octyl phthalate	22.386	149	90304	2.451	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.733	276	140197	3.552	ng		97
88) Benzo(b)fluoranthene	23.292	252	120289	3.596	ng	#	98
89) Benzo(k)fluoranthene	23.345	252	126699	3.820	ng	#	97
90) Benzo(a)pyrene	23.957	252	100001	3.134	ng	#	96
91) Dibenzo(a,h)anthracene	26.751	278	114738	3.497	ng		96
92) Benzo(g,h,i)perylene	27.562	276	117754	3.621	ng	#	92

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

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