Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013483.D
Acq On : 16 Jan 2023 15:57
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 17 03:46:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	488889	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2013752	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1392672	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	3225793	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3337049	20.000	ng		0.00
86) Perylene-d12	23.863	264	3828824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	2686833	96.540	ng		0.00
7) Phenol-d6	7.069	99	3675560	93.430	ng		0.00
23) Nitrobenzene-d5	9.075	82	2721855	71.809	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2166588	99.664	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	6984106	73.310	ng		0.00
79) Terphenyl-d14	19.869	244	11437981	70.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	86849	7.958	ng		99
3) Pyridine	3.752	79	216777	6.371	ng		98
4) n-Nitrosodimethylamine	3.652	42	122492	7.508	ng	#	92
6) Aniline	7.228	93	374410	7.122	ng		100
8) 2-Chlorophenol	7.463	128	243788	7.569	ng		99
9) Benzaldehyde	7.040	77	207974m	8.758	ng		
10) Phenol	7.093	94	304403	7.496	ng		96
11) bis(2-Chloroethyl)ether	7.328	93	247780	7.528	ng		99
12) 1,3-Dichlorobenzene	7.793	146	268817	7.922	ng		99
13) 1,4-Dichlorobenzene	7.940	146	275624	7.970	ng		100
14) 1,2-Dichlorobenzene	8.258	146	272308	8.060	ng		99
15) Benzyl Alcohol	8.146	79	209645	6.916	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	401866	7.891	ng		99
17) 2-Methylphenol	8.352	107	199439	6.635	ng		98
18) Hexachloroethane	8.987	117	97470	7.958	ng		97
19) n-Nitroso-di-n-propyla...	8.710	70	208482	7.425	ng		98
20) 3+4-Methylphenols	8.681	107	276426	6.619	ng		99
22) Acetophenone	8.734	105	399478	7.746	ng	#	98
24) Nitrobenzene	9.116	77	301049	7.678	ng		99
25) Isophorone	9.640	82	569159	7.295	ng		99
26) 2-Nitrophenol	9.828	139	131921	6.807	ng		94
27) 2,4-Dimethylphenol	9.887	122	216655	6.791	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	350541	7.618	ng		97
29) 2,4-Dichlorophenol	10.363	162	244247	7.295	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	272444	7.689	ng		99
31) Naphthalene	10.769	128	804059	7.551	ng		99
32) Benzoic acid	9.975	122	146883	5.520	ng		98
33) 4-Chloroaniline	10.881	127	335295	6.893	ng		98
34) Hexachlorobutadiene	11.046	225	181232	8.114	ng		99
35) Caprolactam	11.669	113	83343	6.986	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	260448	7.139	ng		97
37) 2-Methylnaphthalene	12.375	142	580466	7.261	ng		99
38) 1-Methylnaphthalene	12.593	142	558137	7.401	ng		100
40) 1,2,4,5-Tetrachloroben...	12.740	216	350391	7.676	ng		99
41) Hexachlorocyclopentadiene	12.716	237	163702	6.878	ng		96
43) 2,4,6-Trichlorophenol	12.987	196	221438	7.055	ng		99

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Misc : LOD-MDL-WATER 8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	238620	6.479	ng	98
46) 1,1'-Biphenyl	13.387	154	819493	7.783	ng	100
47) 2-Chloronaphthalene	13.428	162	624281	7.730	ng	98
48) 2-Nitroaniline	13.634	65	172114	6.475	ng	95
49) Acenaphthylene	14.275	152	961265	7.218	ng	99
50) Dimethylphthalate	14.004	163	807549	7.313	ng	100
51) 2,6-Dinitrotoluene	14.128	165	164512	6.829	ng	89
52) Acenaphthene	14.616	154	589417	7.478	ng	98
53) 3-Nitroaniline	14.463	138	163407	6.340	ng	93
54) 2,4-Dinitrophenol	14.675	184	90425	5.524	ng	98
55) Dibenzofuran	14.951	168	990544	7.579	ng	98
56) 4-Nitrophenol	14.775	139	136060	6.570	ng	100
57) 2,4-Dinitrotoluene	14.922	165	220826	6.703	ng	96
58) Fluorene	15.604	166	795370	7.712	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	222584	6.989	ng	99
60) Diethylphthalate	15.369	149	796029	7.366	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	422988	7.723	ng	98
62) 4-Nitroaniline	15.628	138	162471	6.157	ng	94
63) Azobenzene	15.892	77	720619	7.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.687	198	128376	5.819	ng	94
66) n-Nitrosodiphenylamine	15.810	169	693115	7.312	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	264898	7.133	ng	98
68) Hexachlorobenzene	16.610	284	317615	7.854	ng	98
69) Atrazine	16.769	200	262067	7.549	ng	99
70) Pentachlorophenol	16.963	266	172103	5.807	ng	97
71) Phenanthrene	17.351	178	1299046	7.632	ng	99
72) Anthracene	17.445	178	1282542	7.405	ng	99
73) Carbazole	17.716	167	1178808	7.473	ng	99
74) Di-n-butylphthalate	18.257	149	1322330	7.222	ng	100
75) Fluoranthene	19.322	202	1573781	7.698	ng	99
77) Benzidine	19.498	184	810058	8.169	ng	99
78) Pyrene	19.675	202	1661585	7.571	ng	98
80) Butylbenzylphthalate	20.539	149	612661	6.457	ng	94
81) Benzo(a)anthracene	21.386	228	1739661	7.741	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	682999	8.134	ng	98
83) Chrysene	21.439	228	1627781	7.666	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	941005	6.854	ng	98
85) Di-n-octyl phthalate	22.239	149	1618295	6.943	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	1950832	7.045	ng	100
88) Benzo(b)fluoranthene	23.110	252	1796524	7.903	ng	99
89) Benzo(k)fluoranthene	23.157	252	1751763	7.939	ng	98
90) Benzo(a)pyrene	23.751	252	1561719	6.993	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	1699838	7.373	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1673263	7.356	ng	98

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

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