Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
Data File : BP014072.D
Acq On : 13 Mar 2023 20:16
Operator : CG/JU
Sample : 01627-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 14 04:23:39 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	143812	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	498042	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	290011	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	608318	20.000	ng	#	0.00
76) Chrysene-d12	21.539	240	627795	20.000	ng		0.00
86) Perylene-d12	24.074	264	705838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	1052248	118.660	ng		0.00
7) Phenol-d6	7.222	99	1328712	114.124	ng		0.00
23) Nitrobenzene-d5	9.246	82	974496	89.430	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	501017	106.552	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	1930997	86.264	ng		0.00
79) Terphenyl-d14	19.998	244	2923729	76.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	31868	8.272	ng		96
3) Pyridine	3.899	79	69502m	6.496	ng		
4) n-Nitrosodimethylamine	3.793	42	33442	7.042	ng	#	97
6) Aniline	7.393	93	109811	7.180	ng		98
8) 2-Chlorophenol	7.628	128	69652	7.334	ng		89
9) Benzaldehyde	7.205	77	70035	12.021	ng		96
10) Phenol	7.252	94	93150	7.687	ng		99
11) bis(2-Chloroethyl)ether	7.487	93	71306	7.432	ng		93
12) 1,3-Dichlorobenzene	7.958	146	82903	7.943	ng		98
13) 1,4-Dichlorobenzene	8.105	146	84904	8.041	ng		96
14) 1,2-Dichlorobenzene	8.428	146	80698	7.979	ng		100
15) Benzyl Alcohol	8.316	79	61666	6.496	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.599	45	88175	8.442	ng		97
17) 2-Methylphenol	8.510	107	55874	6.465	ng		95
18) Hexachloroethane	9.157	117	29941	7.548	ng		94
19) n-Nitroso-di-n-propyla...	8.881	70	52263	6.820	ng		98
20) 3+4-Methylphenols	8.846	107	72184	6.202	ng		99
22) Acetophenone	8.905	105	106973	7.657	ng	#	99
24) Nitrobenzene	9.287	77	89540	8.031	ng		95
25) Isophorone	9.810	82	129474	6.448	ng		99
26) 2-Nitrophenol	10.004	139	31742	6.545	ng		99
27) 2,4-Dimethylphenol	10.052	122	57486	7.290	ng		98
28) bis(2-Chloroethoxy)met...	10.293	93	87852	7.560	ng		97
29) 2,4-Dichlorophenol	10.540	162	58466	6.773	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	73450	7.495	ng		96
31) Naphthalene	10.946	128	207851	7.595	ng		99
32) Benzoic acid	10.140	122	18407m	5.359	ng		
33) 4-Chloroaniline	11.057	127	78052	6.653	ng		95
34) Hexachlorobutadiene	11.222	225	50629	7.106	ng		97
35) Caprolactam	11.828	113	14748m	5.969	ng		
36) 4-Chloro-3-methylphenol	12.169	107	61879	6.428	ng		98
37) 2-Methylnaphthalene	12.546	142	139597	6.914	ng		96
38) 1-Methylnaphthalene	12.763	142	129870	6.901	ng		97
40) 1,2,4,5-Tetrachloroben...	12.904	216	84020	7.601	ng		98
41) Hexachlorocyclopentadiene	12.881	237	46068	6.640	ng		97
43) 2,4,6-Trichlorophenol	13.145	196	46378	6.637	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	50468	6.233	ng		99
46) 1,1'-Biphenyl	13.540	154	185489	7.946	ng		97
47) 2-Chloronaphthalene	13.587	162	140615	7.825	ng		99
48) 2-Nitroaniline	13.793	65	34632	6.350	ng		91
49) Acenaphthylene	14.428	152	201904	7.065	ng		99
50) Dimethylphthalate	14.157	163	164029	6.856	ng		99
51) 2,6-Dinitrotoluene	14.281	165	32013	6.354	ng		90
52) Acenaphthene	14.769	154	128862	7.491	ng		99
53) 3-Nitroaniline	14.616	138	29773	6.030	ng		93
54) 2,4-Dinitrophenol	14.834	184	14071	6.700	ng	#	86
55) Dibenzofuran	15.104	168	210409	7.502	ng		97
56) 4-Nitrophenol	14.928	139	19873	4.942	ng		92
57) 2,4-Dinitrotoluene	15.069	165	40078	5.951	ng		93
58) Fluorene	15.757	166	164133	7.370	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	44421m	6.289	ng		
60) Diethylphthalate	15.516	149	156277	6.616	ng		98
61) 4-Chlorophenyl-phenyle...	15.745	204	87122	6.901	ng		98
62) 4-Nitroaniline	15.781	138	28797	5.857	ng		89
63) Azobenzene	16.039	77	154480	7.067	ng		97
65) 4,6-Dinitro-2-methylph...	15.834	198	22921	5.087	ng		97
66) n-Nitrosodiphenylamine	15.957	169	136513	7.102	ng		99
67) 4-Bromophenyl-phenylether	16.645	248	51463	6.396	ng		96
68) Hexachlorobenzene	16.763	284	62973	7.301	ng		98
69) Atrazine	16.910	200	48555	7.195	ng		97
70) Pentachlorophenol	17.116	266	32211	5.178	ng		97
71) Phenanthrene	17.504	178	253411	7.457	ng		99
72) Anthracene	17.598	178	244095	7.030	ng		99
73) Carbazole	17.863	167	217488	7.261	ng		99
74) Di-n-butylphthalate	18.392	149	236094	6.304	ng		98
75) Fluoranthene	19.457	202	289857	7.136	ng		98
77) Benzidine	19.639	184	135710	11.818	ng		99
78) Pyrene	19.810	202	314299	6.523	ng		99
80) Butylbenzylphthalate	20.669	149	104939	5.744	ng		97
81) Benzo(a)anthracene	21.522	228	329375	7.150	ng		98
82) 3,3'-Dichlorobenzidine	21.451	252	119306	8.094	ng		98
83) Chrysene	21.580	228	327702	7.512	ng		98
84) Bis(2-ethylhexyl)phtha...	21.422	149	154232	5.755	ng		99
85) Di-n-octyl phthalate	22.386	149	269279	6.190	ng		97
87) Indeno(1,2,3-cd)pyrene	26.733	276	412410	7.562	ng		98
88) Benzo(b)fluoranthene	23.292	252	333518	7.216	ng	#	97
89) Benzo(k)fluoranthene	23.345	252	339239	7.403	ng	#	99
90) Benzo(a)pyrene	23.957	252	286194	6.492	ng		98
91) Dibenzo(a,h)anthracene	26.757	278	342812	7.561	ng	#	97
92) Benzo(g,h,i)perylene	27.556	276	342964	7.633	ng		96

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

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