Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014081.D
Acq On : 14 Mar 2023 13:24
Operator : CG/JU
Sample : 01627-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 15 04:04:49 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 :
MDL-WATER-03-QT1-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	175089	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	656241	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	427166	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	899712	20.000	ng	#	0.00
76) Chrysene-d12	21.545	240	737263	20.000	ng		0.00
86) Perylene-d12	24.080	264	669502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	1115016	103.277	ng		0.00
7) Phenol-d6	7.222	99	1444364	101.897	ng		0.00
23) Nitrobenzene-d5	9.246	82	1117179	77.809	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	654103	94.443	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	2427579	73.628	ng		0.00
79) Terphenyl-d14	20.004	244	3373592	75.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	32981	7.032	ng		96
3) Pyridine	3.893	79	72280m	5.549	ng		
4) n-Nitrosodimethylamine	3.793	42	36136	6.250	ng	#	95
6) Aniline	7.393	93	121394	6.520	ng		98
8) 2-Chlorophenol	7.628	128	77911	6.738	ng		96
9) Benzaldehyde	7.205	77	77353	10.905	ng		98
10) Phenol	7.252	94	100174	6.790	ng		99
11) bis(2-Chloroethyl)ether	7.487	93	82458	7.059	ng		96
12) 1,3-Dichlorobenzene	7.958	146	89780	7.066	ng		100
13) 1,4-Dichlorobenzene	8.105	146	92918	7.228	ng		98
14) 1,2-Dichlorobenzene	8.428	146	88998	7.228	ng		98
15) Benzyl Alcohol	8.316	79	70945	6.139	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.605	45	101553	7.986	ng		96
17) 2-Methylphenol	8.511	107	64510	6.131	ng		98
18) Hexachloroethane	9.158	117	33154	6.865	ng		94
19) n-Nitroso-di-n-propyla...	8.875	70	64857	6.951	ng		98
20) 3+4-Methylphenols	8.846	107	84060	5.932	ng		98
22) Acetophenone	8.899	105	126358	6.865	ng		97
24) Nitrobenzene	9.287	77	103098	7.018	ng		97
25) Isophorone	9.810	82	168411	6.366	ng		98
26) 2-Nitrophenol	9.999	139	36099	5.649	ng		93
27) 2,4-Dimethylphenol	10.052	122	65436	6.298	ng		99
28) bis(2-Chloroethoxy)met...	10.293	93	103975	6.790	ng		98
29) 2,4-Dichlorophenol	10.540	162	66640	5.859	ng		98
30) 1,2,4-Trichlorobenzene	10.752	180	85972	6.658	ng		98
31) Naphthalene	10.940	128	245830	6.817	ng		98
32) Benzoic acid	10.140	122	21157m	5.020	ng		
33) 4-Chloroaniline	11.057	127	88699	5.738	ng		96
34) Hexachlorobutadiene	11.222	225	58021	6.180	ng		98
35) Caprolactam	11.834	113	18839	5.787	ng		87
36) 4-Chloro-3-methylphenol	12.163	107	78714	6.205	ng		96
37) 2-Methylnaphthalene	12.540	142	170028	6.391	ng		99
38) 1-Methylnaphthalene	12.757	142	158322	6.384	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	102607	6.302	ng		99
41) Hexachlorocyclopentadiene	12.881	237	57172	5.595	ng		97
43) 2,4,6-Trichlorophenol	13.146	196	59904	5.820	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	64604	5.417	ng		98
46) 1,1'-Biphenyl	13.540	154	235750	6.856	ng		97
47) 2-Chloronaphthalene	13.587	162	178141	6.730	ng		98
48) 2-Nitroaniline	13.793	65	46437	5.781	ng		93
49) Acenaphthylene	14.428	152	264793	6.291	ng		100
50) Dimethylphthalate	14.157	163	221863	6.296	ng		100
51) 2,6-Dinitrotoluene	14.281	165	43485	5.860	ng		92
52) Acenaphthene	14.775	154	167748	6.620	ng		96
53) 3-Nitroaniline	14.616	138	37819	5.200	ng		90
54) 2,4-Dinitrophenol	14.828	184	19507	6.487	ng		87
55) Dibenzofuran	15.104	168	272416	6.595	ng		98
56) 4-Nitrophenol	14.922	139	27328	4.614	ng	#	88
57) 2,4-Dinitrotoluene	15.069	165	56021	5.647	ng		100
58) Fluorene	15.757	166	215602	6.573	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.334	232	60066	5.773	ng		97
60) Diethylphthalate	15.516	149	213608	6.139	ng		99
61) 4-Chlorophenyl-phenyle...	15.745	204	114292	6.147	ng		97
62) 4-Nitroaniline	15.781	138	36750	5.075	ng		86
63) Azobenzene	16.040	77	210873	6.550	ng		96
65) 4,6-Dinitro-2-methylph...	15.834	198	28793	4.321	ng		82
66) n-Nitrosodiphenylamine	15.963	169	183143	6.442	ng		98
67) 4-Bromophenyl-phenylether	16.645	248	70575	5.930	ng		98
68) Hexachlorobenzene	16.763	284	80479	6.309	ng		95
69) Atrazine	16.910	200	64257	6.438	ng		98
70) Pentachlorophenol	17.116	266	41638	4.526	ng		97
71) Phenanthrene	17.504	178	335210	6.669	ng		100
72) Anthracene	17.598	178	325551	6.339	ng		99
73) Carbazole	17.869	167	276188	6.234	ng		99
74) Di-n-butylphthalate	18.398	149	307126	5.545	ng		99
75) Fluoranthene	19.463	202	359562	5.985	ng		97
77) Benzidine	19.639	184	150267	11.294	ng		99
78) Pyrene	19.816	202	372755	6.587	ng		99
80) Butylbenzylphthalate	20.669	149	112725	5.254	ng		96
81) Benzo(a)anthracene	21.527	228	334245	6.179	ng		99
82) 3,3'-Dichlorobenzidine	21.457	252	111826	6.460	ng		97
83) Chrysene	21.586	228	325091	6.346	ng		99
84) Bis(2-ethylhexyl)phtha...	21.422	149	148350	4.714	ng	#	99
85) Di-n-octyl phthalate	22.392	149	222211	4.350	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.745	276	296745	5.736	ng		97
88) Benzo(b)fluoranthene	23.298	252	285672m	6.516	ng		
89) Benzo(k)fluoranthene	23.351	252	295021	6.787	ng	#	98
90) Benzo(a)pyrene	23.963	252	237814	5.687	ng	#	98
91) Dibenzo(a,h)anthracene	26.762	278	247575	5.757	ng	#	95
92) Benzo(g,h,i)perylene	27.568	276	245570	5.762	ng		97

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

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