

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014080.D
 Acq On : 14 Mar 2023 12:49
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 15 04:04:03 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

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	165154	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	596496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	391830	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	847456	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	720410	20.000	ng	0.00
86) Perylene-d12	24.080	264	652088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1120432	110.022	ng	0.00
7) Phenol-d6	7.222	99	1456390	108.926	ng	0.00
23) Nitrobenzene-d5	9.246	82	1085518	83.176	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	683547	107.595	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2389357	79.004	ng	0.00
79) Terphenyl-d14	20.004	244	3525080	80.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	17086	3.862	ng	92
3) Pyridine	3.905	79	37354m	3.040	ng	
4) n-Nitrosodimethylamine	3.793	42	18782	3.444	ng	# 90
6) Aniline	7.393	93	61951	3.527	ng	99
8) 2-Chlorophenol	7.628	128	40404	3.704	ng	93
9) Benzaldehyde	7.211	77	41504	6.203	ng	97
10) Phenol	7.246	94	52807	3.795	ng	94
11) bis(2-Chloroethyl)ether	7.487	93	43037	3.906	ng	96
12) 1,3-Dichlorobenzene	7.958	146	47452	3.959	ng	99
13) 1,4-Dichlorobenzene	8.105	146	48178	3.973	ng	98
14) 1,2-Dichlorobenzene	8.422	146	47074	4.053	ng	97
15) Benzyl Alcohol	8.316	79	34846	3.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.593	45	54048	4.506	ng	95
17) 2-Methylphenol	8.511	107	32252	3.250	ng	96
18) Hexachloroethane	9.158	117	17050	3.743	ng	95
19) n-Nitroso-di-n-propyla...	8.875	70	32380	3.679	ng	# 96
20) 3+4-Methylphenols	8.840	107	41701	3.120	ng	93
22) Acetophenone	8.899	105	63703	3.807	ng	# 95
24) Nitrobenzene	9.287	77	55985	4.193	ng	97
25) Isophorone	9.810	82	85786	3.567	ng	98
26) 2-Nitrophenol	10.005	139	18894	3.253	ng	94
27) 2,4-Dimethylphenol	10.057	122	33476	3.545	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	53927	3.875	ng	96
29) 2,4-Dichlorophenol	10.546	162	31643	3.061	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	43984	3.747	ng	98
31) Naphthalene	10.946	128	128507	3.921	ng	99
32) Benzoic acid	10.175	122	9458m	3.842	ng	
33) 4-Chloroaniline	11.063	127	43252	3.078	ng	96
34) Hexachlorobutadiene	11.222	225	29911	3.505	ng	97
35) Caprolactam	11.834	113	9585m	3.239	ng	
36) 4-Chloro-3-methylphenol	12.169	107	38980	3.381	ng	98
37) 2-Methylnaphthalene	12.540	142	87205	3.606	ng	96
38) 1-Methylnaphthalene	12.757	142	82807	3.674	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	54060	3.620	ng	98
41) Hexachlorocyclopentadiene	12.881	237	27212	2.903	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	29332	3.107	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	29819	2.726	ng	97
46) 1,1'-Biphenyl	13.546	154	126724	4.018	ng	96
47) 2-Chloronaphthalene	13.587	162	93665	3.858	ng	99
48) 2-Nitroaniline	13.798	65	22548	3.060	ng	97
49) Acenaphthylene	14.434	152	136939	3.547	ng	98
50) Dimethylphthalate	14.157	163	117070	3.622	ng	99
51) 2,6-Dinitrotoluene	14.281	165	21370	3.139	ng	95
52) Acenaphthene	14.769	154	87618	3.770	ng	97
53) 3-Nitroaniline	14.622	138	18116	2.715	ng	99
54) 2,4-Dinitrophenol	14.840	184	7438	4.495	ng	92
55) Dibenzofuran	15.104	168	144976	3.826	ng	97
56) 4-Nitrophenol	14.945	139	11897	2.190	ng	# 79
57) 2,4-Dinitrotoluene	15.069	165	26809	2.946	ng	# 97
58) Fluorene	15.757	166	112685	3.745	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.334	232	30794	3.227	ng	97
60) Diethylphthalate	15.516	149	113383	3.553	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	59896	3.512	ng	95
62) 4-Nitroaniline	15.787	138	17528m	2.639	ng	
63) Azobenzene	16.040	77	104969	3.554	ng	95
65) 4,6-Dinitro-2-methylph...	15.840	198	13418	2.138	ng	83
66) n-Nitrosodiphenylamine	15.963	169	95658	3.572	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	36613	3.266	ng	93
68) Hexachlorobenzene	16.763	284	44883	3.735	ng	98
69) Atrazine	16.910	200	32120	3.416	ng	97
70) Pentachlorophenol	17.116	266	20322	2.345	ng	94
71) Phenanthrene	17.504	178	181914	3.842	ng	99
72) Anthracene	17.598	178	170650	3.528	ng	98
73) Carbazole	17.869	167	141472	3.390	ng	100
74) Di-n-butylphthalate	18.398	149	160285	3.072	ng	99
75) Fluoranthene	19.463	202	193142	3.413	ng	97
77) Benzidine	19.639	184	71955	6.937	ng	99
78) Pyrene	19.816	202	204257	3.694	ng	100
80) Butylbenzylphthalate	20.669	149	58207	2.777	ng	94
81) Benzo(a)anthracene	21.527	228	186532	3.529	ng	98
82) 3,3'-Dichlorobenzidine	21.457	252	59195	3.500	ng	97
83) Chrysene	21.580	228	183268	3.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	78875	2.565	ng	98
85) Di-n-octyl phthalate	22.392	149	113757	2.279	ng	96
87) Indeno(1,2,3-cd)pyrene	26.745	276	152629	3.029	ng	97
88) Benzo(b)fluoranthene	23.298	252	156443	3.664	ng	97
89) Benzo(k)fluoranthene	23.351	252	166667m	3.937	ng	
90) Benzo(a)pyrene	23.963	252	129246	3.173	ng	# 96
91) Dibenzo(a,h)anthracene	26.762	278	127048	3.033	ng	# 97
92) Benzo(g,h,i)perylene	27.568	276	128239	3.089	ng	# 97

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

