

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019539.D
 Acq On : 02 Feb 2024 21:51
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Feb 02 23:58:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	58179	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	250422	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	181341	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	402284	20.000	ng	0.00
76) Chrysene-d12	21.386	240	272088	20.000	ng	0.00
86) Perylene-d12	23.797	264	277194	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	731934	202.791	ng	0.00
7) Phenol-d6	7.081	99	1015461	208.657	ng	0.00
23) Nitrobenzene-d5	9.081	82	674446	116.702	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	610082	230.419	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	1667707	113.690	ng	0.00
79) Terphenyl-d14	19.868	244	2541080	153.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	16772	12.061	ng	96
3) Pyridine	3.787	79	44729	11.864	ng	99
4) n-Nitrosodimethylamine	3.710	42	19847	12.092	ng	# 90
6) Aniline	7.245	93	69891	14.780	ng	99
8) 2-Chlorophenol	7.469	128	44485	12.005	ng	96
9) Benzaldehyde	7.057	77	48514	14.218	ng	100
10) Phenol	7.104	94	59233	12.212	ng	90
11) bis(2-Chloroethyl)ether	7.345	93	46440	12.306	ng	100
12) 1,3-Dichlorobenzene	7.798	146	52975	11.683	ng	97
13) 1,4-Dichlorobenzene	7.945	146	53905	11.734	ng	100
14) 1,2-Dichlorobenzene	8.257	146	51482	11.583	ng	98
15) Benzyl Alcohol	8.157	79	51544m	13.256	ng	
16) 2,2'-oxybis(1-Chloropr...	8.439	45	48023	12.726	ng	98
17) 2-Methylphenol	8.357	107	41291	12.644	ng	96
18) Hexachloroethane	8.981	117	20203	11.346	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	44941	13.520	ng	96
20) 3+4-Methylphenols	8.681	107	55954	12.555	ng	98
22) Acetophenone	8.739	105	87370	12.247	ng	# 99
24) Nitrobenzene	9.122	77	65715m	11.294	ng	
25) Isophorone	9.645	82	124197	12.340	ng	99
26) 2-Nitrophenol	9.828	139	23276	10.491	ng	98
27) 2,4-Dimethylphenol	9.886	122	38900	13.712	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	66523	11.682	ng	99
29) 2,4-Dichlorophenol	10.357	162	49524	11.548	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	57959	11.022	ng	99
31) Naphthalene	10.757	128	156231	11.375	ng	100
32) Benzoic acid	9.969	122	25382	9.183	ng	89
33) 4-Chloroaniline	10.875	127	66063	13.006	ng	99
34) Hexachlorobutadiene	11.033	225	40944	10.508	ng	98
35) Caprolactam	11.651	113	15639	12.882	ng	90
36) 4-Chloro-3-methylphenol	11.998	107	56545	12.092	ng	99
37) 2-Methylnaphthalene	12.369	142	115013	12.100	ng	94
38) 1-Methylnaphthalene	12.586	142	112477m	12.042	ng	
40) 1,2,4,5-Tetrachloroben...	12.727	216	76922	10.999	ng	99
41) Hexachlorocyclopentadiene	12.704	237	41522	13.142	ng	99
43) 2,4,6-Trichlorophenol	12.974	196	45850	10.827	ng	97

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44) 2,4,5-Trichlorophenol	13.045	196	50011	10.755	ng	98
46) 1,1'-Biphenyl	13.380	154	162091	11.199	ng	99
47) 2-Chloronaphthalene	13.422	162	128764	10.838	ng	99
48) 2-Nitroaniline	13.627	65	36554	11.003	ng	97
49) Acenaphthylene	14.263	152	206477	12.387	ng	100
50) Dimethylphthalate	14.010	163	167835	12.090	ng	98
51) 2,6-Dinitrotoluene	14.127	165	34419	11.285	ng	94
52) Acenaphthene	14.604	154	116677	11.278	ng	98
53) 3-Nitroaniline	14.457	138	31779	11.338	ng	89
54) 2,4-Dinitrophenol	14.663	184	14638	9.243	ng	92
55) Dibenzofuran	14.939	168	199780	11.857	ng	99
56) 4-Nitrophenol	14.757	139	23722	10.326	ng	97
57) 2,4-Dinitrotoluene	14.916	165	44903	11.235	ng	93
58) Fluorene	15.592	166	162179	12.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	47232	12.075	ng	98
60) Diethylphthalate	15.380	149	163520	11.842	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	88591	11.745	ng	99
62) 4-Nitroaniline	15.616	138	32169	10.949	ng	92
63) Azobenzene	15.886	77	156430	11.715	ng	98
65) 4,6-Dinitro-2-methylph...	15.674	198	20700	9.024	ng	94
66) n-Nitrosodiphenylamine	15.810	169	139195	11.553	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	54481	10.833	ng	98
68) Hexachlorobenzene	16.586	284	65743	11.195	ng	98
69) Atrazine	16.768	200	53639	13.417	ng	99
70) Pentachlorophenol	16.939	266	33030	9.031	ng	93
71) Phenanthrene	17.339	178	252604	11.932	ng	99
72) Anthracene	17.433	178	252399	11.951	ng	99
73) Carbazole	17.704	167	212684	11.086	ng	99
74) Di-n-butylphthalate	18.268	149	242165	10.439	ng	99
75) Fluoranthene	19.304	202	273091	10.559	ng	99
77) Benzidine	19.498	184	113232	19.906	ng	98
78) Pyrene	19.656	202	274016	14.270	ng	99
80) Butylbenzylphthalate	20.551	149	76780	10.707	ng	95
81) Benzo(a)anthracene	21.368	228	223830	11.686	ng	98
82) 3,3'-Dichlorobenzidine	21.309	252	75000	10.746	ng	97
83) Chrysene	21.421	228	201752	11.095	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	95167	8.715	ng	98
85) Di-n-octyl phthalate	22.262	149	145514	7.574	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	251343	11.846	ng	100
88) Benzo(b)fluoranthene	23.062	252	187790	10.749	ng	98
89) Benzo(k)fluoranthene	23.115	252	185807	11.134	ng	99
90) Benzo(a)pyrene	23.692	252	171600	11.039	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	209973	12.032	ng	97
92) Benzo(g,h,i)perylene	27.086	276	205460	11.605	ng	99

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

