

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039020.D
 Acq On : 16 Mar 2023 17:35
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 17 06:17:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 06:13:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	368110	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1521563	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	926187	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1934930	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1774791	20.000	ng	0.00
86) Perylene-d12	23.985	264	1746508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2516558	103.865	ng	0.00
7) Phenol-d6	7.134	99	3385340	107.570	ng	0.00
23) Nitrobenzene-d5	9.145	82	2470969	79.771	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1162268	108.476	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5136683	72.198	ng	0.00
79) Terphenyl-d14	19.986	244	7515988	77.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	47052	4.365	ng	99
3) Pyridine	3.810	79	121797	4.074	ng	96
4) n-Nitrosodimethylamine	3.716	42	63795	5.244	ng	# 90
6) Aniline	7.304	93	214978	5.203	ng	98
8) 2-Chlorophenol	7.539	128	134687	5.221	ng	99
9) Benzaldehyde	7.110	77	113688m	7.591	ng	
10) Phenol	7.163	94	178551	5.343	ng	97
11) bis(2-Chloroethyl)ether	7.398	93	144149	5.305	ng	98
12) 1,3-Dichlorobenzene	7.863	146	146672	5.350	ng	96
13) 1,4-Dichlorobenzene	8.010	146	149536	5.364	ng	99
14) 1,2-Dichlorobenzene	8.334	146	143681	5.350	ng	100
15) Benzyl Alcohol	8.216	79	120110	5.325	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	204305	5.954	ng	99
17) 2-Methylphenol	8.416	107	109762	4.781	ng	99
18) Hexachloroethane	9.063	117	54687	5.316	ng	99
19) n-Nitroso-di-n-propyla...	8.786	70	115356	5.819	ng	96
20) 3+4-Methylphenols	8.745	107	148278	4.837	ng	97
22) Acetophenone	8.804	105	193370	4.530	ng	# 96
24) Nitrobenzene	9.186	77	177948	5.466	ng	99
25) Isophorone	9.710	82	304558	5.343	ng	98
26) 2-Nitrophenol	9.898	139	58667	4.560	ng	96
27) 2,4-Dimethylphenol	9.957	122	123074	4.955	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	196160	5.356	ng	99
29) 2,4-Dichlorophenol	10.433	162	108859	4.623	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	127131	4.941	ng	98
31) Naphthalene	10.839	128	439535	5.066	ng	99
33) 4-Chloroaniline	10.951	127	179688	4.860	ng	97
34) Hexachlorobutadiene	11.127	225	71209	4.826	ng	98
35) Caprolactam	11.716	113	28445	3.969	ng	# 76
36) 4-Chloro-3-methylphenol	12.069	107	128064	5.107	ng	95
37) 2-Methylnaphthalene	12.445	142	290328	4.993	ng	99
38) 1-Methylnaphthalene	12.663	142	275409	5.054	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	115288	3.829	ng	98
41) Hexachlorocyclopentadiene	12.792	237	76874	4.651	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	82747	4.244	ng	99
44) 2,4,5-Trichlorophenol	13.116	196	90820	3.979	ng	97

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46) 1,1'-Biphenyl	13.451	154	341565	4.353	ng	99
47) 2-Chloronaphthalene	13.492	162	295595	4.996	ng	97
48) 2-Nitroaniline	13.698	65	78605	4.626	ng	96
49) Acenaphthylene	14.339	152	452900	4.806	ng	99
50) Dimethylphthalate	14.074	163	369102	5.179	ng	99
51) 2,6-Dinitrotoluene	14.192	165	67649	4.668	ng	92
52) Acenaphthene	14.680	154	286939	4.954	ng	98
53) 3-Nitroaniline	14.515	138	75490	4.494	ng	# 96
54) 2,4-Dinitrophenol	14.721	184	27123	3.473	ng	97
55) Dibenzofuran	15.010	168	454314	5.013	ng	98
56) 4-Nitrophenol	14.815	139	61323	4.332	ng	95
57) 2,4-Dinitrotoluene	14.974	165	82354	4.438	ng	# 87
58) Fluorene	15.662	166	361903	5.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	81663	4.640	ng	97
60) Diethylphthalate	15.433	149	359064	5.178	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	173890	4.985	ng	97
62) 4-Nitroaniline	15.674	138	72440	4.321	ng	91
63) Azobenzene	15.951	77	375259	5.114	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	37938	3.275	ng	92
66) n-Nitrosodiphenylamine	15.868	169	301621	4.624	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	97726	4.676	ng	94
68) Hexachlorobenzene	16.662	284	114994	4.922	ng	96
69) Atrazine	16.815	200	77613	4.356	ng	97
70) Pentachlorophenol	17.009	266	60966	3.548	ng	99
71) Phenanthrene	17.404	178	569346	5.014	ng	100
72) Anthracene	17.492	178	543237	4.797	ng	99
73) Carbazole	17.762	167	508329	4.918	ng	99
74) Di-n-butylphthalate	18.327	149	562712	4.901	ng	100
75) Fluoranthene	19.415	202	589268	4.914	ng	98
77) Benzidine	19.603	184	217181	5.871	ng	99
78) Pyrene	19.780	202	639385	4.797	ng	99
80) Butylbenzylphthalate	20.674	149	225505	4.555	ng	91
81) Benzo(a)anthracene	21.527	228	627953	4.913	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	165525	4.214	ng	98
83) Chrysene	21.580	228	601018	4.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	341086	4.694	ng	99
85) Di-n-octyl phthalate	22.391	149	520934	4.152	ng	96
87) Indeno(1,2,3-cd)pyrene	26.515	276	564761	4.250	ng	97
88) Benzo(b)fluoranthene	23.233	252	584893	5.242	ng	98
89) Benzo(k)fluoranthene	23.286	252	565340	4.869	ng	99
90) Benzo(a)pyrene	23.868	252	463557	4.317	ng	98
91) Dibenzo(a,h)anthracene	26.532	278	482559	4.288	ng	98
92) Benzo(g,h,i)perylene	27.297	276	452057	4.105	ng	98

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

