

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014066.D
 Acq On : 13 Mar 2023 16:36
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 14 04:19:30 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 :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	8.075	152	151280	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	502251	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	284366	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	578114	20.000	ng	# 0.00
76) Chrysene-d12	21.551	240	552266	20.000	ng	0.00
86) Perylene-d12	24.086	264	632348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	893843	95.821	ng	0.00
7) Phenol-d6	7.228	99	1140496	93.123	ng	0.00
23) Nitrobenzene-d5	9.251	82	811384	73.837	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	389855	84.557	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	1518172	69.168	ng	0.00
79) Terphenyl-d14	20.004	244	2077979	62.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	34998	8.636	ng	95
3) Pyridine	3.893	79	116666m	10.367	ng	
4) n-Nitrosodimethylamine	3.799	42	54515	10.913	ng	# 99
6) Aniline	7.398	93	174539	10.849	ng	99
8) 2-Chlorophenol	7.634	128	110444	11.055	ng	93
9) Benzaldehyde	7.210	77	75189	12.268	ng	98
10) Phenol	7.257	94	143847	11.285	ng	98
11) bis(2-Chloroethyl)ether	7.492	93	113753	11.271	ng	99
12) 1,3-Dichlorobenzene	7.963	146	129801	11.823	ng	97
13) 1,4-Dichlorobenzene	8.110	146	130496	11.749	ng	99
14) 1,2-Dichlorobenzene	8.434	146	125923	11.837	ng	98
15) Benzyl Alcohol	8.322	79	101389	10.154	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.610	45	137766	12.538	ng	96
17) 2-Methylphenol	8.522	107	91775	10.096	ng	97
18) Hexachloroethane	9.169	117	46854	11.229	ng	100
19) n-Nitroso-di-n-propyla...	8.887	70	83526	10.361	ng	95
20) 3+4-Methylphenols	8.851	107	118034	9.641	ng	98
22) Acetophenone	8.910	105	117689	8.354	ng	# 99
24) Nitrobenzene	9.292	77	139675	12.423	ng	96
25) Isophorone	9.822	82	211263	10.434	ng	99
26) 2-Nitrophenol	10.010	139	50988	10.426	ng	97
27) 2,4-Dimethylphenol	10.063	122	92880	11.680	ng	97
28) bis(2-Chloroethoxy)met...	10.298	93	133983	11.433	ng	99
29) 2,4-Dichlorophenol	10.545	162	88866	10.209	ng	96
30) 1,2,4-Trichlorobenzene	10.763	180	110264	11.157	ng	97
31) Naphthalene	10.951	128	307573	11.145	ng	99
32) Benzoic acid	10.151	122	34648	7.663	ng	97
33) 4-Chloroaniline	11.069	127	116489	9.846	ng	98
34) Hexachlorobutadiene	11.228	225	74697	10.396	ng	99
35) Caprolactam	11.845	113	17910	7.188	ng	94
36) 4-Chloro-3-methylphenol	12.175	107	96223	9.911	ng	100
37) 2-Methylnaphthalene	12.551	142	207441	10.188	ng	99
38) 1-Methylnaphthalene	12.769	142	195381	10.295	ng	99
40) 1,2,4,5-Tetrachloroben...	12.916	216	90307	8.332	ng	99
41) Hexachlorocyclopentadiene	12.892	237	77956	11.460	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	69954	10.210	ng	97

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44) 2,4,5-Trichlorophenol	13.227	196	76397	9.623	ng	99
46) 1,1'-Biphenyl	13.551	154	192607	8.415	ng	96
47) 2-Chloronaphthalene	13.598	162	209033	11.863	ng	99
48) 2-Nitroaniline	13.804	65	52606	9.837	ng	96
49) Acenaphthylene	14.439	152	306870	10.951	ng	99
50) Dimethylphthalate	14.169	163	241195	10.281	ng	99
51) 2,6-Dinitrotoluene	14.292	165	49265	9.972	ng	97
52) Acenaphthene	14.780	154	184836	10.958	ng	99
53) 3-Nitroaniline	14.627	138	45009	9.296	ng	99
54) 2,4-Dinitrophenol	14.833	184	25671	9.817	ng	93
55) Dibenzofuran	15.110	168	320276	11.647	ng	98
56) 4-Nitrophenol	14.927	139	42577m	10.799	ng	
57) 2,4-Dinitrotoluene	15.080	165	65042	9.849	ng	98
58) Fluorene	15.763	166	244486	11.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	69810	10.079	ng	97
60) Diethylphthalate	15.521	149	241298	10.417	ng	99
61) 4-Chlorophenyl-phenylether	15.751	204	131148	10.595	ng	97
62) 4-Nitroaniline	15.786	138	44371	9.204	ng	90
63) Azobenzene	16.045	77	230378	10.749	ng	96
65) 4,6-Dinitro-2-methylph...	15.839	198	40316	9.415	ng	92
66) n-Nitrosodiphenylamine	15.969	169	197200	10.795	ng	98
67) 4-Bromophenyl-phenylether	16.651	248	79261	10.365	ng	94
68) Hexachlorobenzene	16.768	284	92546	11.291	ng	99
69) Atrazine	16.916	200	48729	7.598	ng	95
70) Pentachlorophenol	17.116	266	55348	9.363	ng	98
71) Phenanthrene	17.515	178	364515	11.287	ng	99
72) Anthracene	17.604	178	358432	10.862	ng	100
73) Carbazole	17.874	167	307885	10.816	ng	100
74) Di-n-butylphthalate	18.404	149	343521	9.652	ng	100
75) Fluoranthene	19.468	202	402136	10.417	ng	98
77) Benzidine	19.645	184	123982	12.172	ng	99
78) Pyrene	19.821	202	425251	10.032	ng	99
80) Butylbenzylphthalate	20.674	149	141157	8.784	ng	98
81) Benzo(a)anthracene	21.533	228	431006	10.636	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	105127	8.108	ng	# 97
83) Chrysene	21.586	228	421452	10.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	210121	8.913	ng	98
85) Di-n-octyl phthalate	22.398	149	351094	9.174	ng	98
87) Indeno(1,2,3-cd)pyrene	26.750	276	556094	11.381	ng	97
88) Benzo(b)fluoranthene	23.303	252	440975	10.650	ng	99
89) Benzo(k)fluoranthene	23.356	252	453463	11.046	ng	99
90) Benzo(a)pyrene	23.974	252	388222	9.830	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	464294	11.430	ng	98
92) Benzo(g,h,i)perylene	27.568	276	460612	11.442	ng	97

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

