

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
 Data File : BP024083.D
 Acq On : 18 Feb 2025 13:54
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 18 14:18:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	313530	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	1299246	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	795988	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1612501	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1587747	20.000	ng	0.00
86) Perylene-d12	25.027	264	1503254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3250459	161.767	ng	-0.01
7) Phenol-d6	6.934	99	4405501	170.588	ng	-0.01
23) Nitrobenzene-d5	8.898	82	2158370	92.679	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1801531	184.773	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5146875	90.395	ng	0.00
79) Terphenyl-d14	19.915	244	7304980	91.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	49476	6.277	ng	99
3) Pyridine	3.710	79	116054	5.663	ng	97
4) n-Nitrosodimethylamine	3.610	42	45130	6.208	ng	# 88
6) Aniline	7.087	93	175414	7.417	ng	99
8) 2-Chlorophenol	7.322	128	133800	6.291	ng	94
9) Benzaldehyde	6.898	77	120101	10.186	ng	95
10) Phenol	6.957	94	164419	6.331	ng	89
11) bis(2-Chloroethyl)ether	7.181	93	130511	6.381	ng	97
12) 1,3-Dichlorobenzene	7.645	146	148715	6.365	ng	98
13) 1,4-Dichlorobenzene	7.787	146	150958	6.389	ng	98
14) 1,2-Dichlorobenzene	8.104	146	144816	6.386	ng	99
15) Benzyl Alcohol	7.992	79	96388	6.097	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.263	45	140113	7.057	ng	97
17) 2-Methylphenol	8.192	107	93079	5.882	ng	96
18) Hexachloroethane	8.822	117	54178	6.367	ng	96
19) n-Nitroso-di-n-propyla...	8.551	70	93175	6.710	ng	99
20) 3+4-Methylphenols	8.516	107	124591	5.787	ng	99
22) Acetophenone	8.563	105	209731	6.282	ng	98
24) Nitrobenzene	8.939	77	148787m	6.492	ng	
25) Isophorone	9.463	82	234449	6.156	ng	99
26) 2-Nitrophenol	9.651	139	49861	4.722	ng	97
27) 2,4-Dimethylphenol	9.710	122	82668	5.964	ng	98
28) bis(2-Chloroethoxy)met...	9.945	93	170790	6.191	ng	100
29) 2,4-Dichlorophenol	10.186	162	95593	5.054	ng	99
30) 1,2,4-Trichlorobenzene	10.392	180	129214	5.962	ng	98
31) Naphthalene	10.581	128	428607	6.135	ng	100
32) Benzoic acid	9.786	122	42358	9.946	ng	96
33) 4-Chloroaniline	10.692	127	151233	6.145	ng	98
34) Hexachlorobutadiene	10.869	225	75088	5.982	ng	99
35) Caprolactam	11.469	113	26114	9.197	ng	91
36) 4-Chloro-3-methylphenol	11.822	107	97784	5.029	ng	96
37) 2-Methylnaphthalene	12.198	142	284569	6.129	ng	100
38) 1-Methylnaphthalene	12.410	142	269019	5.956	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	144269	5.899	ng	99
41) Hexachlorocyclopentadiene	12.545	237	58685	6.448	ng	96
43) 2,4,6-Trichlorophenol	12.810	196	69631	4.668	ng	97

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44) 2,4,5-Trichlorophenol	12.886	196	78944	4.840	ng	98
46) 1,1'-Biphenyl	13.210	154	388371	6.279	ng	99
47) 2-Chloronaphthalene	13.251	162	282071	6.033	ng	99
48) 2-Nitroaniline	13.457	65	57516	5.207	ng	93
49) Acenaphthylene	14.104	152	418080	6.069	ng	98
50) Dimethylphthalate	13.839	163	343499	6.118	ng	100
51) 2,6-Dinitrotoluene	13.951	165	61325	5.362	ng	87
52) Acenaphthene	14.451	154	266614	6.010	ng	98
53) 3-Nitroaniline	14.286	138	63360	5.191	ng	# 89
54) 2,4-Dinitrophenol	14.498	184	20297	10.209	ng	95
55) Dibenzofuran	14.786	168	456997	6.341	ng	100
56) 4-Nitrophenol	14.616	139	44947	4.263	ng	97
57) 2,4-Dinitrotoluene	14.751	165	80375	5.410	ng	89
58) Fluorene	15.445	166	352444	6.262	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	77279	5.461	ng	98
60) Diethylphthalate	15.221	149	342632	6.147	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	174192	6.288	ng	97
62) 4-Nitroaniline	15.463	138	67578	7.644	ng	95
63) Azobenzene	15.739	77	325648	6.235	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	34725	8.942	ng	96
66) n-Nitrosodiphenylamine	15.663	169	289713	5.761	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	103976	5.742	ng	99
68) Hexachlorobenzene	16.474	284	128711	6.041	ng	97
69) Atrazine	16.639	200	88735	6.876	ng	99
70) Pentachlorophenol	16.827	266	52037	3.760	ng	100
71) Phenanthrene	17.227	178	553452	6.088	ng	99
72) Anthracene	17.316	178	519098	5.958	ng	100
73) Carbazole	17.598	167	466551	5.621	ng	99
74) Di-n-butylphthalate	18.192	149	510582	5.272	ng	99
75) Fluoranthene	19.315	202	586542	5.704	ng	99
77) Benzidine	19.515	184	188934	9.765	ng	99
78) Pyrene	19.692	202	622621	6.174	ng	98
80) Butylbenzylphthalate	20.645	149	193031	4.995	ng	100
81) Benzo(a)anthracene	21.621	228	597766	6.004	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	161145	5.180	ng	99
83) Chrysene	21.686	228	582211	6.064	ng	98
84) Bis(2-ethylhexyl)phtha...	21.562	149	282538	4.821	ng	98
85) Di-n-octyl phthalate	22.862	149	372629	3.978	ng	99
87) Indeno(1,2,3-cd)pyrene	28.856	276	616116	5.761	ng	98
88) Benzo(b)fluoranthene	23.950	252	534771	5.602	ng	99
89) Benzo(k)fluoranthene	24.021	252	548110	5.899	ng	99
90) Benzo(a)pyrene	24.862	252	466701	5.761	ng	97
91) Dibenzo(a,h)anthracene	28.938	278	515099	5.728	ng	99
92) Benzo(g,h,i)perylene	30.044	276	479267	5.252	ng	99

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

