

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064000.D
 Acq On : 5 Feb 2025 13:29
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 16:52:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 05 16:34:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	58313	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	268507	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	191677	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	442619	20.000	ng	0.00
76) Chrysene-d12	21.467	240	468936	20.000	ng	0.00
86) Perylene-d12	24.493	264	470338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	375772	103.319	ng	0.00
7) Phenol-d6	7.031	99	530121	106.212	ng	0.00
23) Nitrobenzene-d5	9.022	82	366683	82.997	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	226794	105.659	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	919184	73.474	ng	0.00
79) Terphenyl-d14	19.857	244	1646733	73.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	9518	5.510	ng	95
3) Pyridine	3.776	79	21240	4.554	ng	# 91
6) Aniline	7.195	93	29826	5.576	ng	93
8) 2-Chlorophenol	7.436	128	20937	5.649	ng	91
10) Phenol	7.060	94	28334	5.393	ng	89
11) bis(2-Chloroethyl)ether	7.295	93	22636	5.350	ng	97
12) 1,3-Dichlorobenzene	7.759	146	23073	5.232	ng	95
13) 1,4-Dichlorobenzene	7.906	146	23866	5.359	ng	95
14) 1,2-Dichlorobenzene	8.223	146	23420	5.486	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	48837	5.733	ng	99
17) 2-Methylphenol	8.306	107	17086	5.028	ng	# 82
18) Hexachloroethane	8.952	117	8031	5.479	ng	99
19) n-Nitroso-di-n-propyla...	8.670	70	19487	5.638	ng	# 99
22) Acetophenone	8.688	105	37675	5.107	ng	# 96
24) Nitrobenzene	9.058	77	27073	6.105	ng	# 89
25) Isophorone	9.581	82	53784	5.616	ng	98
26) 2-Nitrophenol	9.769	139	5819	6.298	ng	# 83
27) 2,4-Dimethylphenol	9.833	122	12734m	4.622	ng	
28) bis(2-Chloroethoxy)met...	10.074	93	32163	5.278	ng	96
29) 2,4-Dichlorophenol	10.303	162	17231	5.160	ng	98
30) 1,2,4-Trichlorobenzene	10.527	180	22960	5.073	ng	100
31) Naphthalene	10.709	128	71691	4.980	ng	# 93
33) 4-Chloroaniline	10.809	127	28400	5.149	ng	98
34) Hexachlorobutadiene	11.008	225	15125	5.247	ng	95
36) 4-Chloro-3-methylphenol	11.931	107	23522	5.334	ng	88
37) 2-Methylnaphthalene	12.319	142	51631	5.147	ng	98
38) 1-Methylnaphthalene	12.536	142	48055	4.841	ng	98
40) 1,2,4,5-Tetrachloroben...	12.689	216	28429	5.030	ng	98
43) 2,4,6-Trichlorophenol	12.924	196	14341	5.197	ng	97
44) 2,4,5-Trichlorophenol	12.988	196	16267	5.101	ng	# 87
46) 1,1'-Biphenyl	13.329	154	75870	5.199	ng	97
47) 2-Chloronaphthalene	13.370	162	53307	5.012	ng	97
48) 2-Nitroaniline	13.558	65	12600	5.280	ng	# 82
49) Acenaphthylene	14.216	152	86086	5.210	ng	98
50) Dimethylphthalate	13.952	163	68387	5.381	ng	99
51) 2,6-Dinitrotoluene	14.058	165	9962	4.987	ng	96

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52) Acenaphthene	14.557	154	55685	5.025	ng	98
53) 3-Nitroaniline	14.387	138	11448	5.014	ng	# 91
55) Dibenzofuran	14.892	168	88484	4.917	ng	93
57) 2,4-Dinitrotoluene	14.845	165	12801	4.978	ng	# 98
58) Fluorene	15.544	166	71494	5.140	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.115	232	15177	5.130	ng	98
60) Diethylphthalate	15.321	149	72557	5.385	ng	97
61) 4-Chlorophenyl-phenyle...	15.538	204	36367	5.211	ng	94
62) 4-Nitroaniline	15.544	138	11878	4.633	ng	93
63) Azobenzene	15.832	77	77581	4.875	ng	98
66) n-Nitrosodiphenylamine	15.750	169	60859	4.959	ng	98
67) 4-Bromophenyl-phenylether	16.431	248	22851	5.187	ng	94
68) Hexachlorobenzene	16.543	284	28132	5.431	ng	96
69) Atrazine	16.696	200	21356	5.229	ng	98
71) Phenanthrene	17.277	178	122241	5.258	ng	97
72) Anthracene	17.366	178	111038	4.773	ng	98
73) Carbazole	17.630	167	110447	5.072	ng	100
74) Di-n-butylphthalate	18.212	149	120884	5.326	ng	99
75) Fluoranthene	19.287	202	142909	5.048	ng	96
78) Pyrene	19.645	202	163197	5.637	ng	99
80) Butylbenzylphthalate	20.550	149	43174	5.318	ng	99
81) Benzo(a)anthracene	21.449	228	157112	5.277	ng	97
82) 3,3'-Dichlorobenzidine	21.373	252	47166	5.087	ng	92
83) Chrysene	21.508	228	154956	5.230	ng	97
84) Bis(2-ethylhexyl)phtha...	21.390	149	73064	5.416	ng	# 99
85) Di-n-octyl phthalate	22.542	149	113689	10.607	ng	# 97
87) Indeno(1,2,3-cd)pyrene	27.883	276	166782	5.497	ng	97
88) Benzo(b)fluoranthene	23.535	252	145700	5.261	ng	98
89) Benzo(k)fluoranthene	23.599	252	138699	4.877	ng	99
90) Benzo(a)pyrene	24.340	252	130921	5.296	ng	99
91) Dibenzo(a,h)anthracene	27.959	278	130669	5.100	ng	97
92) Benzo(g,h,i)perylene	28.940	276	129442	5.004	ng	98

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

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