

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062643.D
 Acq On : 4 Sep 2024 14:54
 Operator : MA/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5 ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 04 16:08:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	56204	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	228695	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	187189	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	545501	20.000	ng	0.00
76) Chrysene-d12	21.537	240	619111	20.000	ng	0.00
86) Perylene-d12	24.610	264	686720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	306783	94.350	ng	0.00
7) Phenol-d6	7.084	99	434907	92.587	ng	0.00
23) Nitrobenzene-d5	9.075	82	330897	77.924	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	293134	111.274	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	878489	76.018	ng	0.00
79) Terphenyl-d14	19.910	244	2162929	69.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.412	88	7813	5.768	ng	# 85
3) Pyridine	3.805	79	15110	3.872	ng	94
4) n-Nitrosodimethylamine	3.717	42	7981	4.206	ng	# 90
6) Aniline	7.242	93	21395	4.875	ng	# 89
8) 2-Chlorophenol	7.483	128	15551	4.455	ng	89
9) Benzaldehyde	7.060	77	15340	5.614	ng	90
10) Phenol	7.113	94	19823	4.169	ng	98
11) bis(2-Chloroethyl)ether	7.342	93	15671	4.304	ng	94
12) 1,3-Dichlorobenzene	7.812	146	16453	4.295	ng	95
13) 1,4-Dichlorobenzene	7.812	146	16453	4.173	ng	94
14) 1,2-Dichlorobenzene	8.271	146	16434	4.241	ng	96
15) Benzyl Alcohol	8.153	79	12990	3.738	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.435	45	27991	4.034	ng	98
17) 2-Methylphenol	8.359	107	12163	3.669	ng	92
18) Hexachloroethane	8.999	117	5955	4.028	ng	97
19) n-Nitroso-di-n-propyla...	8.711	70	13534	3.656	ng	98
20) 3+4-Methylphenols	8.688	107	17444	3.567	ng	92
22) Acetophenone	8.735	105	26170	4.242	ng	# 99
24) Nitrobenzene	9.117	77	20341	4.505	ng	95
25) Isophorone	9.634	82	38173	4.095	ng	97
26) 2-Nitrophenol	9.828	139	6719	3.938	ng	# 94
27) 2,4-Dimethylphenol	9.886	122	10655m	4.263	ng	
28) bis(2-Chloroethoxy)met...	10.121	93	21402	4.289	ng	97
29) 2,4-Dichlorophenol	10.362	162	15006	4.294	ng	98
30) 1,2,4-Trichlorobenzene	10.580	180	18657	4.503	ng	90
31) Naphthalene	10.762	128	49253	4.345	ng	98
32) Benzoic acid	9.945	122	3523	1.310	ng	88
33) 4-Chloroaniline	10.867	127	19259	4.317	ng	# 92
34) Hexachlorobutadiene	11.050	225	12001	4.147	ng	92
35) Caprolactam	11.608	113	5713	4.240	ng	97
36) 4-Chloro-3-methylphenol	11.996	107	16511	3.917	ng	97
37) 2-Methylnaphthalene	12.372	142	36868	4.193	ng	97
38) 1-Methylnaphthalene	12.372	142	36868	4.176	ng	97
40) 1,2,4,5-Tetrachloroben...	12.736	216	25734	4.571	ng	99
41) Hexachlorocyclopentadiene	12.724	237	4710	2.932	ng	98
43) 2,4,6-Trichlorophenol	12.977	196	14403	4.036	ng	99

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	16817	4.161	ng	98
46) 1,1'-Biphenyl	13.382	154	56654	4.537	ng	98
47) 2-Chloronaphthalene	13.423	162	43370	4.285	ng	96
48) 2-Nitroaniline	13.617	65	11742	4.411	ng	# 83
49) Acenaphthylene	14.269	152	69994	4.670	ng	97
50) Dimethylphthalate	13.999	163	62656	4.578	ng	99
51) 2,6-Dinitrotoluene	14.117	165	11243	4.343	ng	# 82
52) Acenaphthene	14.610	154	41319	4.410	ng	97
53) 3-Nitroaniline	14.446	138	11146	4.449	ng	96
54) 2,4-Dinitrophenol	14.651	184	3171	2.182	ng	# 80
55) Dibenzofuran	14.945	168	74106	4.612	ng	99
56) 4-Nitrophenol	14.757	139	8446	3.978	ng	94
57) 2,4-Dinitrotoluene	14.904	165	14214	4.024	ng	98
58) Fluorene	15.591	166	57379	4.550	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.174	232	17211	4.495	ng	# 96
60) Diethylphthalate	15.362	149	60816	4.483	ng	98
61) 4-Chlorophenyl-phenyle...	15.585	204	33800	4.669	ng	94
62) 4-Nitroaniline	15.603	138	12095	4.379	ng	100
63) Azobenzene	15.879	77	55718	4.374	ng	99
65) 4,6-Dinitro-2-methylph...	15.668	198	7361	3.024	ng	91
66) n-Nitrosodiphenylamine	15.803	169	52568	4.008	ng	95
67) 4-Bromophenyl-phenylether	16.484	248	23072	4.098	ng	96
68) Hexachlorobenzene	16.596	284	27985	4.197	ng	95
69) Atrazine	16.743	200	24299	5.455	ng	94
70) Pentachlorophenol	16.943	266	12056	2.823	ng	95
71) Phenanthrene	17.331	178	117093	4.599	ng	97
72) Anthracene	17.419	178	109876	4.389	ng	96
73) Carbazole	17.689	167	103019	4.476	ng	98
74) Di-n-butylphthalate	18.259	149	109973	4.237	ng	100
75) Fluoranthene	19.346	202	150567	4.676	ng	99
77) Benzidine	19.522	184	40005	3.585	ng	98
78) Pyrene	19.704	202	160226	4.071	ng	99
80) Butylbenzylphthalate	20.597	149	43119	3.730	ng	98
81) Benzo(a)anthracene	21.520	228	171515	4.392	ng	96
82) 3,3'-Dichlorobenzidine	21.437	252	56061	4.407	ng	98
83) Chrysene	21.578	228	165461	4.424	ng	99
84) Bis(2-ethylhexyl)phtha...	21.437	149	67757	3.858	ng	# 92
85) Di-n-octyl phthalate	22.601	149	113930	3.705	ng	100
87) Indeno(1,2,3-cd)pyrene	28.065	276	190060	4.316	ng	# 92
88) Benzo(b)fluoranthene	23.635	252	157323	4.148	ng	98
89) Benzo(k)fluoranthene	23.700	252	163117	4.396	ng	99
90) Benzo(a)pyrene	24.457	252	144883	4.324	ng	99
91) Dibenzo(a,h)anthracene	28.124	278	159712	4.403	ng	# 93
92) Benzo(g,h,i)perylene	29.134	276	153872	4.207	ng	96

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

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