

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019545.D
 Acq On : 03 Feb 2024 01:15
 Operator : MA/JU
 Sample : 04699-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Feb 03 03:20:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	49429	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	210466	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	152387	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	378871	20.000	ng	0.00
76) Chrysene-d12	21.386	240	361722	20.000	ng	0.00
86) Perylene-d12	23.804	264	326889	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	608528	198.446	ng	0.00
7) Phenol-d6	7.081	99	847421	204.953	ng	0.00
23) Nitrobenzene-d5	9.081	82	568600	117.065	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	547769	246.193	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1392427	112.960	ng	0.00
79) Terphenyl-d14	19.869	244	2848581	129.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	14519	12.289	ng	98
3) Pyridine	3.787	79	35137	10.970	ng	98
4) n-Nitrosodimethylamine	3.705	42	16682	11.962	ng	89
6) Aniline	7.246	93	57726	14.368	ng	99
8) 2-Chlorophenol	7.469	128	36997	11.752	ng	97
9) Benzaldehyde	7.058	77	41118	14.184	ng	97
10) Phenol	7.105	94	49329	11.970	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	38165	11.904	ng	97
12) 1,3-Dichlorobenzene	7.793	146	44270	11.492	ng	98
13) 1,4-Dichlorobenzene	7.946	146	45336	11.616	ng	99
14) 1,2-Dichlorobenzene	8.258	146	44097	11.678	ng	99
15) Benzyl Alcohol	8.152	79	44046	13.332	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	39240	12.239	ng	98
17) 2-Methylphenol	8.352	107	33567	12.099	ng	94
18) Hexachloroethane	8.981	117	16670	11.019	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	37189	13.168	ng	# 96
20) 3+4-Methylphenols	8.681	107	47041	12.424	ng	96
22) Acetophenone	8.740	105	70850	11.817	ng	# 98
24) Nitrobenzene	9.122	77	56415	11.536	ng	99
25) Isophorone	9.640	82	101003	11.940	ng	99
26) 2-Nitrophenol	9.834	139	19067	10.225	ng	# 87
27) 2,4-Dimethylphenol	9.887	122	33657	14.116	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	54763	11.442	ng	94
29) 2,4-Dichlorophenol	10.358	162	40512	11.240	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	48467	10.967	ng	98
31) Naphthalene	10.758	128	127620	11.056	ng	99
32) Benzoic acid	9.963	122	21086	9.077	ng	87
33) 4-Chloroaniline	10.881	127	54783	12.833	ng	99
34) Hexachlorobutadiene	11.034	225	34498	10.534	ng	96
35) Caprolactam	11.652	113	14470	14.181	ng	95
36) 4-Chloro-3-methylphenol	11.993	107	47709	12.139	ng	95
37) 2-Methylnaphthalene	12.369	142	93855	11.749	ng	98
38) 1-Methylnaphthalene	12.587	142	94458	12.032	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	62790	10.684	ng	99
41) Hexachlorocyclopentadiene	12.704	237	32575	12.270	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	38460	10.807	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	43063	11.020	ng	96
46) 1,1'-Biphenyl	13.381	154	134978	11.098	ng	97
47) 2-Chloronaphthalene	13.422	162	106211	10.638	ng	97
48) 2-Nitroaniline	13.634	65	31397	11.246	ng	97
49) Acenaphthylene	14.263	152	175998	12.565	ng	99
50) Dimethylphthalate	14.010	163	144028	12.346	ng	98
51) 2,6-Dinitrotoluene	14.134	165	29623	11.558	ng	98
52) Acenaphthene	14.604	154	100427	11.552	ng	97
53) 3-Nitroaniline	14.457	138	30216	12.828	ng	99
54) 2,4-Dinitrophenol	14.657	184	13865	10.419	ng	85
55) Dibenzofuran	14.940	168	173651	12.264	ng	98
56) 4-Nitrophenol	14.751	139	23145	11.989	ng	97
57) 2,4-Dinitrotoluene	14.916	165	39978	11.903	ng	97
58) Fluorene	15.593	166	141412	12.539	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	41053	12.490	ng	99
60) Diethylphthalate	15.381	149	146354	12.613	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	77107	12.165	ng	97
62) 4-Nitroaniline	15.616	138	31293	12.675	ng	97
63) Azobenzene	15.887	77	137818	12.283	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	19635	9.089	ng	95
66) n-Nitrosodiphenylamine	15.810	169	121842	10.738	ng	96
67) 4-Bromophenyl-phenylether	16.493	248	47746	10.081	ng	99
68) Hexachlorobenzene	16.587	284	57966	10.480	ng	98
69) Atrazine	16.769	200	52378	13.911	ng	94
70) Pentachlorophenol	16.940	266	32487	9.432	ng	97
71) Phenanthrene	17.340	178	234392	11.756	ng	98
72) Anthracene	17.434	178	238484	11.990	ng	99
73) Carbazole	17.704	167	211604	11.711	ng	99
74) Di-n-butylphthalate	18.269	149	243303	11.136	ng	99
75) Fluoranthene	19.304	202	291489	11.967	ng	100
77) Benzidine	19.492	184	148764	19.672	ng	99
78) Pyrene	19.657	202	303655	11.895	ng	100
80) Butylbenzylphthalate	20.551	149	100612	10.553	ng	98
81) Benzo(a)anthracene	21.369	228	293846	11.540	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	103850	11.192	ng	95
83) Chrysene	21.422	228	269422	11.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	144708	9.968	ng	99
85) Di-n-octyl phthalate	22.263	149	217197	8.503	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	245708	9.820	ng	# 92
88) Benzo(b)fluoranthene	23.063	252	241994	11.746	ng	99
89) Benzo(k)fluoranthene	23.116	252	238530	12.120	ng	98
90) Benzo(a)pyrene	23.692	252	204239	11.142	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	205932	10.007	ng	99
92) Benzo(g,h,i)perylene	27.086	276	197906	9.479	ng	99

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

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