

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062647.D
 Acq On : 4 Sep 2024 17:41
 Operator : MA/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL-4 ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 04 18:18:59 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	7.924	152	59042	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	236419	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	192478	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	540508	20.000	ng	0.00
76) Chrysene-d12	21.531	240	653141	20.000	ng	0.00
86) Perylene-d12	24.604	264	734270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	408691	119.650	ng	0.00
7) Phenol-d6	7.089	99	573449	116.212	ng	0.00
23) Nitrobenzene-d5	9.075	82	389458	88.719	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	376935	139.154	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1007305	84.769	ng	0.00
79) Terphenyl-d14	19.910	244	2329661	70.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	6227	4.376	ng	94
3) Pyridine	3.811	79	15602	3.805	ng	# 89
4) n-Nitrosodimethylamine	3.723	42	8508	4.269	ng	# 90
6) Aniline	7.248	93	19924	4.322	ng	97
8) 2-Chlorophenol	7.489	128	13990	3.815	ng	89
9) Benzaldehyde	7.066	77	15241m	5.310	ng	
10) Phenol	7.113	94	19092	3.822	ng	89
11) bis(2-Chloroethyl)ether	7.342	93	14575	3.811	ng	97
12) 1,3-Dichlorobenzene	7.812	146	15866	3.943	ng	95
13) 1,4-Dichlorobenzene	7.959	146	15576m	3.761	ng	
14) 1,2-Dichlorobenzene	8.276	146	15677	3.851	ng	99
15) Benzyl Alcohol	8.153	79	11778	3.226	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.441	45	26195	3.594	ng	98
17) 2-Methylphenol	8.359	107	11368	3.265	ng	95
18) Hexachloroethane	9.005	117	6411	4.128	ng	91
19) n-Nitroso-di-n-propyla...	8.723	70	12505	3.216	ng	# 91
20) 3+4-Methylphenols	8.682	107	16408	3.194	ng	87
22) Acetophenone	8.735	105	24251	3.802	ng	98
24) Nitrobenzene	9.117	77	19102	4.093	ng	93
25) Isophorone	9.634	82	36204	3.757	ng	# 94
26) 2-Nitrophenol	9.833	139	6366	3.610	ng	97
27) 2,4-Dimethylphenol	9.892	122	7883	3.051	ng	92
28) bis(2-Chloroethoxy)met...	10.121	93	20338	3.943	ng	99
29) 2,4-Dichlorophenol	10.362	162	13299	3.681	ng	94
30) 1,2,4-Trichlorobenzene	10.580	180	18107	4.228	ng	92
31) Naphthalene	10.768	128	48890	4.172	ng	96
32) Benzoic acid	9.939	122	5532m	1.990	ng	
33) 4-Chloroaniline	10.873	127	17480	3.791	ng	97
34) Hexachlorobutadiene	11.055	225	12352	4.129	ng	91
35) Caprolactam	11.602	113	5393	3.872	ng	# 85
36) 4-Chloro-3-methylphenol	11.990	107	14857	3.409	ng	# 94
37) 2-Methylnaphthalene	12.372	142	34724	3.821	ng	96
38) 1-Methylnaphthalene	12.589	142	34371	3.766	ng	99
40) 1,2,4,5-Tetrachloroben...	12.742	216	24323	4.202	ng	98
41) Hexachlorocyclopentadiene	12.718	237	5275	3.194	ng	94
43) 2,4,6-Trichlorophenol	12.977	196	12960	3.532	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	16565m	3.986	ng	
46) 1,1'-Biphenyl	13.376	154	53374	4.157	ng	99
47) 2-Chloronaphthalene	13.423	162	40842	3.924	ng	96
48) 2-Nitroaniline	13.617	65	9798	3.580	ng	95
49) Acenaphthylene	14.263	152	64806	4.205	ng	98
50) Dimethylphthalate	13.993	163	56240	3.996	ng	96
51) 2,6-Dinitrotoluene	14.111	165	9614	3.611	ng	91
52) Acenaphthene	14.604	154	37491	3.891	ng	99
53) 3-Nitroaniline	14.446	138	10012	3.887	ng	87
54) 2,4-Dinitrophenol	14.663	184	2983	1.997	ng	# 90
55) Dibenzofuran	14.945	168	67836	4.106	ng	95
56) 4-Nitrophenol	14.757	139	7862	3.601	ng	87
57) 2,4-Dinitrotoluene	14.898	165	13625	3.751	ng	100
58) Fluorene	15.591	166	53301	4.111	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.168	232	16652	4.230	ng	94
60) Diethylphthalate	15.362	149	56656	4.061	ng	99
61) 4-Chlorophenyl-phenyle...	15.585	204	30940	4.156	ng	94
62) 4-Nitroaniline	15.603	138	11058	3.893	ng	98
63) Azobenzene	15.879	77	50627	3.865	ng	98
65) 4,6-Dinitro-2-methylph...	15.662	198	7221	2.994	ng	92
66) n-Nitrosodiphenylamine	15.797	169	48990	3.770	ng	97
67) 4-Bromophenyl-phenylether	16.478	248	20658	3.703	ng	92
68) Hexachlorobenzene	16.596	284	25341	3.836	ng	94
69) Atrazine	16.743	200	21747	4.927	ng	92
70) Pentachlorophenol	16.943	266	10883	2.572	ng	91
71) Phenanthrene	17.330	178	108644	4.306	ng	96
72) Anthracene	17.419	178	101263	4.082	ng	99
73) Carbazole	17.689	167	93951	4.120	ng	99
74) Di-n-butylphthalate	18.253	149	103606	4.029	ng	99
75) Fluoranthene	19.340	202	140685	4.409	ng	98
77) Benzidine	19.522	184	49582	4.212	ng	97
78) Pyrene	19.704	202	153227	3.691	ng	97
80) Butylbenzylphthalate	20.597	149	39063	3.203	ng	96
81) Benzo(a)anthracene	21.514	228	164752	3.999	ng	99
82) 3,3'-Dichlorobenzidine	21.432	252	54316	4.047	ng	99
83) Chrysene	21.578	228	166603	4.222	ng	97
84) Bis(2-ethylhexyl)phtha...	21.432	149	62911	3.396	ng	92
85) Di-n-octyl phthalate	22.595	149	106169	3.273	ng	97
87) Indeno(1,2,3-cd)pyrene	28.053	276	183531	3.898	ng	97
88) Benzo(b)fluoranthene	23.629	252	153391	3.782	ng	96
89) Benzo(k)fluoranthene	23.694	252	159725	4.026	ng	99
90) Benzo(a)pyrene	24.451	252	139225	3.886	ng	97
91) Dibenzo(a,h)anthracene	28.106	278	149350	3.851	ng	97
92) Benzo(g,h,i)perylene	29.146	276	144316	3.690	ng	# 94

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

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