

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139052.D
 Acq On : 16 Aug 2024 11:43
 Operator : RC/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 16 12:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	47397	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	200214	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	113445	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	204539	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	104341	20.000	ng	0.00
86) Perylene-d12	15.468	264	85208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	375671	122.351	ng	0.00
7) Phenol-d6	6.487	99	503370	122.106	ng	0.00
23) Nitrobenzene-d5	7.404	82	334527	81.690	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	117987	126.968	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	626678	82.999	ng	-0.01
79) Terphenyl-d14	12.939	244	603427	96.827	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	13032	9.695	ng	# 96
3) Pyridine	3.416	79	26637m	8.180	ng	
4) n-Nitrosodimethylamine	3.310	42	20673	10.659	ng	# 77
6) Aniline	6.504	93	42753	11.629	ng	# 69
8) 2-Chlorophenol	6.628	128	33127	10.255	ng	98
9) Benzaldehyde	6.398	77	28360	11.476	ng	98
10) Phenol	6.498	94	44248	10.194	ng	# 61
11) bis(2-Chloroethyl)ether	6.575	93	32388	9.697	ng	99
12) 1,3-Dichlorobenzene	6.775	146	35485	9.813	ng	97
13) 1,4-Dichlorobenzene	6.851	146	34999	9.591	ng	96
14) 1,2-Dichlorobenzene	7.004	146	34226	10.035	ng	98
15) Benzyl Alcohol	6.987	79	34993	11.777	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.104	45	60695	10.559	ng	53
17) 2-Methylphenol	7.104	107	26953	10.104	ng	# 83
18) Hexachloroethane	7.340	117	13708	9.979	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	26661	10.708	ng	92
20) 3+4-Methylphenols	7.263	107	34310	10.025	ng	# 63
22) Acetophenone	7.245	105	50436	10.288	ng	95
24) Nitrobenzene	7.422	77	39606	9.505	ng	97
25) Isophorone	7.657	82	71840	10.274	ng	98
26) 2-Nitrophenol	7.740	139	17401	9.706	ng	92
27) 2,4-Dimethylphenol	7.781	122	19439	9.062	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	40087	9.414	ng	98
29) 2,4-Dichlorophenol	7.998	162	26442	9.593	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	30566	9.609	ng	99
31) Naphthalene	8.140	128	100495	9.536	ng	99
32) Benzoic acid	7.916	122	7749m	4.596	ng	
33) 4-Chloroaniline	8.198	127	37084	10.483	ng	97
34) Hexachlorobutadiene	8.245	225	19510	10.126	ng	98
35) Caprolactam	8.545	113	8274	10.060	ng	89
36) 4-Chloro-3-methylphenol	8.687	107	32899	10.444	ng	99
37) 2-Methylnaphthalene	8.828	142	64510	9.692	ng	94
38) 1-Methylnaphthalene	8.928	142	62987	9.658	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	31388	9.960	ng	98
41) Hexachlorocyclopentadiene	8.975	237	864	7.911	ng	93
43) 2,4,6-Trichlorophenol	9.116	196	16131	8.395	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	17179	8.178	ng	96
46) 1,1'-Biphenyl	9.286	154	88533	9.964	ng	99
47) 2-Chloronaphthalene	9.316	162	63799	9.655	ng	98
48) 2-Nitroaniline	9.422	65	22589	10.084	ng	97
49) Acenaphthylene	9.728	152	100323	10.705	ng	100
50) Dimethylphthalate	9.586	163	78956	10.885	ng	99
51) 2,6-Dinitrotoluene	9.657	165	16548	10.108	ng	# 82
52) Acenaphthene	9.898	154	61432	9.751	ng	98
53) 3-Nitroaniline	9.834	138	16220	9.584	ng	94
54) 2,4-Dinitrophenol	9.975	184	2978m	3.952	ng	
55) Dibenzofuran	10.075	168	94627	10.640	ng	98
56) 4-Nitrophenol	10.057	139	3693m	3.629	ng	
57) 2,4-Dinitrotoluene	10.069	165	21496	10.292	ng	# 73
58) Fluorene	10.416	166	75194	10.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	15732m	9.796	ng	
60) Diethylphthalate	10.286	149	78883	11.469	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	36667	10.527	ng	93
62) 4-Nitroaniline	10.445	138	14068m	8.747	ng	
63) Azobenzene	10.569	77	82352	10.796	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	8883	7.119	ng	87
66) n-Nitrosodiphenylamine	10.528	169	62850	9.830	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	21241	9.592	ng	97
68) Hexachlorobenzene	10.963	284	21319	9.324	ng	94
69) Atrazine	11.051	200	20238	12.269	ng	99
70) Pentachlorophenol	11.180	266	2855m	2.770	ng	
71) Phenanthrene	11.380	178	107052	10.164	ng	99
72) Anthracene	11.433	178	104648	10.086	ng	99
73) Carbazole	11.592	167	87576	9.783	ng	98
74) Di-n-butylphthalate	11.910	149	115751	11.503	ng	100
75) Fluoranthene	12.569	202	101525	10.326	ng	98
77) Benzidine	12.698	184	23830	9.549	ng	98
78) Pyrene	12.804	202	101463	10.328	ng	99
80) Butylbenzylphthalate	13.410	149	34951	11.110	ng	99
81) Benzo(a)anthracene	13.986	228	71772	9.989	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	20157	10.963	ng	98
83) Chrysene	14.027	228	60920	9.398	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	39574	8.591	ng	98
85) Di-n-octyl phthalate	14.569	149	56878	6.673	ng	94
87) Indeno(1,2,3-cd)pyrene	16.945	276	53954	8.836	ng	# 94
88) Benzo(b)fluoranthene	15.039	252	49529m	9.377	ng	
89) Benzo(k)fluoranthene	15.068	252	51335	11.225	ng	98
90) Benzo(a)pyrene	15.404	252	45959	10.344	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	43183	8.615	ng	98
92) Benzo(g,h,i)perylene	17.398	276	41768	8.030	ng	96

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

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