

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139256.D
 Acq On : 05 Sep 2024 12:02
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 12:30:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	108798	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	399659	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	221438	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404335	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200536	20.000	ng	0.00
86) Perylene-d12	15.527	264	184504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	713624	109.726	ng	0.00
7) Phenol-d6	6.510	99	946736	109.042	ng	0.00
23) Nitrobenzene-d5	7.451	82	619542	80.644	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	212710	111.241	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126757	78.546	ng	0.00
79) Terphenyl-d14	12.998	244	995756	80.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	30894	10.201	ng	99
3) Pyridine	3.451	79	66611	9.111	ng	99
4) n-Nitrosodimethylamine	3.369	42	45291	9.540	ng	96
6) Aniline	6.551	93	96043	12.029	ng	98
8) 2-Chlorophenol	6.669	128	69797	10.355	ng	87
9) Benzaldehyde	6.439	77	62193	11.834	ng	99
10) Phenol	6.522	94	94576	10.327	ng	# 78
11) bis(2-Chloroethyl)ether	6.622	93	68218	10.398	ng	100
12) 1,3-Dichlorobenzene	6.828	146	75791	9.934	ng	99
13) 1,4-Dichlorobenzene	6.904	146	75503	9.888	ng	98
14) 1,2-Dichlorobenzene	7.057	146	72303	10.152	ng	99
15) Benzyl Alcohol	7.022	79	73418	11.595	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	133356	10.677	ng	100
17) 2-Methylphenol	7.134	107	53476	9.713	ng	98
18) Hexachloroethane	7.398	117	27200	9.973	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	52774	10.554	ng	99
20) 3+4-Methylphenols	7.287	107	72283	10.417	ng	# 85
22) Acetophenone	7.292	105	99935	10.496	ng	95
24) Nitrobenzene	7.469	77	78151	9.584	ng	98
25) Isophorone	7.704	82	134639	10.251	ng	100
26) 2-Nitrophenol	7.781	139	30960	9.667	ng	97
27) 2,4-Dimethylphenol	7.816	122	44244	9.687	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	80126	10.239	ng	99
29) 2,4-Dichlorophenol	8.022	162	54516	9.969	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	62857	10.064	ng	99
31) Naphthalene	8.192	128	207751	10.265	ng	99
32) Benzoic acid	7.886	122	46482	11.173	ng	98
33) 4-Chloroaniline	8.239	127	76358	10.896	ng	98
34) Hexachlorobutadiene	8.310	225	38218	9.656	ng	99
35) Caprolactam	8.569	113	15332	9.056	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	60497	10.151	ng	98
37) 2-Methylnaphthalene	8.881	142	129770	10.248	ng	99
38) 1-Methylnaphthalene	8.981	142	122185	9.811	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	65313	10.425	ng	97
41) Hexachlorocyclopentadiene	9.033	237	20948	10.404	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	38223	9.325	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	41942	9.764	ng	97
46) 1,1'-Biphenyl	9.345	154	171823	10.473	ng	100
47) 2-Chloronaphthalene	9.369	162	122443	9.884	ng	99
48) 2-Nitroaniline	9.463	65	40528	9.498	ng	99
49) Acenaphthylene	9.786	152	204657	10.969	ng	99
50) Dimethylphthalate	9.639	163	138395	10.312	ng	99
51) 2,6-Dinitrotoluene	9.704	165	28137	9.241	ng	98
52) Acenaphthene	9.957	154	117888	9.526	ng	96
53) 3-Nitroaniline	9.869	138	32914	10.146	ng	100
54) 2,4-Dinitrophenol	9.975	184	7176	11.601	ng #	60
55) Dibenzofuran	10.128	168	182501	10.286	ng	100
56) 4-Nitrophenol	10.022	139	20128	8.406	ng	98
57) 2,4-Dinitrotoluene	10.104	165	36783	9.491	ng	95
58) Fluorene	10.469	166	141934	10.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	34776	10.285	ng	97
60) Diethylphthalate	10.345	149	133935	10.140	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	68903	10.386	ng	97
62) 4-Nitroaniline	10.475	138	28346	9.179	ng	95
63) Azobenzene	10.627	77	138894	9.977	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	15798	8.456	ng	98
66) n-Nitrosodiphenylamine	10.580	169	122559	10.413	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	38827	9.897	ng	96
68) Hexachlorobenzene	11.016	284	44664	9.945	ng	99
69) Atrazine	11.104	200	33015	12.158	ng	98
70) Pentachlorophenol	11.210	266	34959	13.476	ng	98
71) Phenanthrene	11.433	178	199055	10.538	ng	99
72) Anthracene	11.486	178	196737	10.662	ng	100
73) Carbazole	11.639	167	172584	10.007	ng	99
74) Di-n-butylphthalate	11.974	149	178288	10.097	ng	99
75) Fluoranthene	12.621	202	192390	10.160	ng	99
77) Benzidine	12.745	184	49965	12.374	ng	96
78) Pyrene	12.851	202	198094	10.226	ng	99
80) Butylbenzylphthalate	13.474	149	42678	9.359	ng	98
81) Benzo(a)anthracene	14.039	228	131887	10.300	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	35714	10.502	ng	99
83) Chrysene	14.074	228	121010	10.125	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	48131	8.992	ng	97
85) Di-n-octyl phthalate	14.651	149	75218	7.340	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	89366	7.753	ng	99
88) Benzo(b)fluoranthene	15.092	252	100802	9.487	ng	99
89) Benzo(k)fluoranthene	15.121	252	103287	10.841	ng	100
90) Benzo(a)pyrene	15.462	252	92488	10.251	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	69950	7.364	ng	99
92) Benzo(g,h,i)perylene	17.445	276	70141	7.154	ng	98

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

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