

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137221.D
 Acq On : 31 Jan 2024 20:29
 Operator : CG\JU
 Sample : P1270-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:22:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	45952	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	169542	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	88794	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	169158	20.000	ng	0.00
76) Chrysene-d12	13.974	240	136816	20.000	ng	0.00
86) Perylene-d12	15.451	264	116200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	364777	130.987	ng	0.02
7) Phenol-d6	6.428	99	448510	112.854	ng	0.00
23) Nitrobenzene-d5	7.357	82	334266	88.271	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	140116	139.725	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	605227	93.699	ng	0.00
79) Terphenyl-d14	12.916	244	768968	76.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	53342	35.798	ng	# 81
3) Pyridine	3.410	79	90934	31.272	ng	99
4) n-Nitrosodimethylamine	3.351	42	70367	46.548	ng	92
6) Aniline	6.463	93	79919	18.785	ng	97
8) 2-Chlorophenol	6.581	128	136584	43.864	ng	95
9) Benzaldehyde	6.345	77	30745	20.314	ng	97
10) Phenol	6.439	94	163621	36.884	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	132415	44.665	ng	99
12) 1,3-Dichlorobenzene	6.734	146	155187	42.508	ng	100
13) 1,4-Dichlorobenzene	6.810	146	156909	41.558	ng	97
14) 1,2-Dichlorobenzene	6.963	146	151430	42.896	ng	99
15) Benzyl Alcohol	6.934	79	133975	47.450	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	218813	40.973	ng	99
17) 2-Methylphenol	7.045	107	111140	42.724	ng	97
18) Hexachloroethane	7.304	117	56287	41.335	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	120602	44.259	ng	98
20) 3+4-Methylphenols	7.198	107	138068	41.926	ng	89
22) Acetophenone	7.204	105	208767	45.739	ng	# 94
24) Nitrobenzene	7.375	77	167692	45.625	ng	96
25) Isophorone	7.610	82	314294	44.965	ng	98
26) 2-Nitrophenol	7.686	139	61043	43.159	ng	89
27) 2,4-Dimethylphenol	7.728	122	97608	48.856	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	176478	47.545	ng	98
29) 2,4-Dichlorophenol	7.928	162	116598	47.045	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	136103	44.210	ng	99
31) Naphthalene	8.092	128	406340	44.333	ng	99
32) Benzoic acid	7.828	122	29020	25.621	ng	# 86
33) 4-Chloroaniline	8.145	127	36258	11.500	ng	96
34) Hexachlorobutadiene	8.210	225	93366	45.611	ng	98
35) Caprolactam	8.498	113	31054m	40.296	ng	
36) 4-Chloro-3-methylphenol	8.622	107	128444	43.877	ng	98
37) 2-Methylnaphthalene	8.786	142	269136	43.799	ng	98
38) 1-Methylnaphthalene	8.880	142	252630	44.264	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	146511	49.312	ng	98
41) Hexachlorocyclopentadiene	8.933	237	98033	69.276	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	85835	50.934	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	88003	47.775	ng	95
46) 1,1'-Biphenyl	9.251	154	348433	49.320	ng	98
47) 2-Chloronaphthalene	9.275	162	251558	48.115	ng	99
48) 2-Nitroaniline	9.369	65	87621	51.779	ng	97
49) Acenaphthylene	9.686	152	399443	47.723	ng	99
50) Dimethylphthalate	9.551	163	306693	51.127	ng	99
51) 2,6-Dinitrotoluene	9.616	165	65320	51.065	ng	88
52) Acenaphthene	9.863	154	237026	48.183	ng	100
53) 3-Nitroaniline	9.780	138	24203	21.025	ng	92
54) 2,4-Dinitrophenol	9.886	184	17926	38.484	ng	96
55) Dibenzofuran	10.033	168	371640	47.486	ng	99
56) 4-Nitrophenol	9.945	139	77214	91.807	ng	96
57) 2,4-Dinitrotoluene	10.016	165	84515	50.920	ng	92
58) Fluorene	10.380	166	289188	47.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	79862	46.596	ng	# 88
60) Diethylphthalate	10.257	149	301411	51.030	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	147785	48.458	ng	98
62) 4-Nitroaniline	10.398	138	51357	46.610	ng	96
63) Azobenzene	10.533	77	301408	46.077	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	21398	26.621	ng	91
66) n-Nitrosodiphenylamine	10.492	169	251867	48.969	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	91823	49.367	ng	# 93
68) Hexachlorobenzene	10.922	284	96527	46.461	ng	98
69) Atrazine	11.022	200	85781	50.521	ng	98
70) Pentachlorophenol	11.122	266	109389	91.848	ng	98
71) Phenanthrene	11.345	178	420281	47.459	ng	100
72) Anthracene	11.392	178	439052	47.567	ng	99
73) Carbazole	11.551	167	380908	49.379	ng	99
74) Di-n-butylphthalate	11.892	149	457180	54.827	ng	99
75) Fluoranthene	12.533	202	491933	53.087	ng	98
77) Benzidine	12.668	184	71862	29.333	ng	99
78) Pyrene	12.768	202	504278	38.354	ng	99
80) Butylbenzylphthalate	13.398	149	198248	58.942	ng	96
81) Benzo(a)anthracene	13.963	228	464923	47.982	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	104606	39.625	ng	99
83) Chrysene	13.998	228	453767	47.635	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	281331	71.895	ng	97
85) Di-n-octyl phthalate	14.586	149	484692	77.901	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	321341	39.362	ng	100
88) Benzo(b)fluoranthene	15.021	252	364291	50.977	ng	99
89) Benzo(k)fluoranthene	15.051	252	374958	49.598	ng	100
90) Benzo(a)pyrene	15.392	252	317826	47.260	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	272569	41.669	ng	98
92) Benzo(g,h,i)perylene	17.403	276	242274	37.736	ng	99

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

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