

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132778.D
 Acq On : 14 Mar 2023 15:08
 Operator : CG\JU
 Sample : 01877-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/15/2023
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 14 15:40:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	219118	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	810318	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	436624	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	831673	20.000	ng	0.00
76) Chrysene-d12	14.163	240	411267	20.000	ng	0.00
86) Perylene-d12	15.692	264	469283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1312289	97.199	ng	0.02
7) Phenol-d6	6.604	99	1622860	92.103	ng	0.00
23) Nitrobenzene-d5	7.534	82	1162054	68.039	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	533473	113.135	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1898434	66.205	ng	0.00
79) Terphenyl-d14	13.092	244	2338001	96.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	249616	33.424	ng	# 83
3) Pyridine	3.734	79	509358	25.694	ng	92
4) n-Nitrosodimethylamine	3.663	42	258226	34.486	ng	84
6) Aniline	6.634	93	299607	12.635	ng	97
8) 2-Chlorophenol	6.757	128	599600	42.791	ng	96
9) Benzaldehyde	6.522	77	139056	14.626	ng	96
10) Phenol	6.616	94	681095	33.716	ng	94
11) bis(2-Chloroethyl)ether	6.698	93	647951	41.549	ng	95
12) 1,3-Dichlorobenzene	6.910	146	608171	40.445	ng	97
13) 1,4-Dichlorobenzene	6.987	146	609271	40.578	ng	98
14) 1,2-Dichlorobenzene	7.134	146	596135	41.370	ng	99
15) Benzyl Alcohol	7.110	79	545808	40.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	740582	37.240	ng	96
17) 2-Methylphenol	7.222	107	486983	37.238	ng	98
18) Hexachloroethane	7.475	117	237536	40.494	ng	97
19) n-Nitroso-di-n-propyla...	7.381	70	381544	35.185	ng	91
20) 3+4-Methylphenols	7.375	107	541525	32.052	ng	94
22) Acetophenone	7.375	105	755275	36.964	ng	# 92
24) Nitrobenzene	7.551	77	675720	36.993	ng	99
25) Isophorone	7.787	82	1252217	38.241	ng	99
26) 2-Nitrophenol	7.869	139	330242	40.976	ng	90
27) 2,4-Dimethylphenol	7.904	122	515696	40.542	ng	96
28) bis(2-Chloroethoxy)met...	7.992	93	764603	39.916	ng	99
29) 2,4-Dichlorophenol	8.110	162	515562	40.746	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	552654	40.224	ng	96
31) Naphthalene	8.275	128	1604864	38.687	ng	100
32) Benzoic acid	8.034	122	354474	36.374	ng	99
33) 4-Chloroaniline	8.322	127	120878	6.800	ng	# 89
34) Hexachlorobutadiene	8.381	225	344590	39.468	ng	98
35) Caprolactam	8.698	113	157501m	37.757	ng	
36) 4-Chloro-3-methylphenol	8.810	107	547631	39.410	ng	95
37) 2-Methylnaphthalene	8.963	142	1070244	37.858	ng	100
38) 1-Methylnaphthalene	9.063	142	997978	37.774	ng	99
40) 1,2,4,5-Tetrachloroben...	9.134	216	574931	40.246	ng	99
41) Hexachlorocyclopentadiene	9.116	237	588712	75.980	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	389497	40.233	ng	99

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44) 2,4,5-Trichlorophenol	9.292	196	415147	36.741	ng	97
46) 1,1'-Biphenyl	9.428	154	1312217	39.707	ng	98
47) 2-Chloronaphthalene	9.457	162	1058430	40.396	ng	99
48) 2-Nitroaniline	9.557	65	348806	36.145	ng	86
49) Acenaphthylene	9.875	152	1621190	38.877	ng	100
50) Dimethylphthalate	9.728	163	1293415	40.684	ng	100
51) 2,6-Dinitrotoluene	9.798	165	299594	41.379	ng	# 84
52) Acenaphthene	10.045	154	1119180m	42.267	ng	
53) 3-Nitroaniline	9.969	138	141489	17.470	ng	90
54) 2,4-Dinitrophenol	10.081	184	307486	67.685	ng	89
55) Dibenzofuran	10.222	168	1454616	37.682	ng	99
56) 4-Nitrophenol	10.139	139	393829	65.203	ng	91
57) 2,4-Dinitrotoluene	10.204	165	386955	40.173	ng	98
58) Fluorene	10.563	166	1161289	39.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	351025	41.821	ng	96
60) Diethylphthalate	10.428	149	1228449	39.564	ng	100
61) 4-Chlorophenyl-phenyle...	10.551	204	602276	39.319	ng	95
62) 4-Nitroaniline	10.592	138	296438	37.287	ng	90
63) Azobenzene	10.710	77	1243510	37.816	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	224883	39.944	ng	95
66) n-Nitrosodiphenylamine	10.669	169	1025220	39.541	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	390361	41.495	ng	94
68) Hexachlorobenzene	11.116	284	428363	43.274	ng	99
69) Atrazine	11.198	200	328418	40.573	ng	99
70) Pentachlorophenol	11.310	266	409622	69.551	ng	99
71) Phenanthrene	11.533	178	1693220	39.300	ng	99
72) Anthracene	11.586	178	1727840	38.944	ng	99
73) Carbazole	11.739	167	1558337	38.957	ng	99
74) Di-n-butylphthalate	12.057	149	1868023	39.811	ng	99
75) Fluoranthene	12.727	202	1749368	37.141	ng	98
77) Benzidine	12.845	184	130469	13.032	ng	99
78) Pyrene	12.957	202	1769761	47.331	ng	100
80) Butylbenzylphthalate	13.563	149	662104	44.872	ng	99
81) Benzo(a)anthracene	14.151	228	1275008	41.434	ng	97
82) 3,3'-Dichlorobenzidine	14.104	252	236071	26.021	ng	99
83) Chrysene	14.186	228	1175999	40.868	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	829360	45.755	ng	100
85) Di-n-octyl phthalate	14.739	149	1232097	46.515	ng	97
87) Indeno(1,2,3-cd)pyrene	17.274	276	1417869	46.110	ng	99
88) Benzo(b)fluoranthene	15.233	252	1272820	40.472	ng	98
89) Benzo(k)fluoranthene	15.268	252	1192126	38.732	ng	99
90) Benzo(a)pyrene	15.627	252	1146691	38.958	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	1151976	45.980	ng	98
92) Benzo(g,h,i)perylene	17.757	276	1145984	40.728	ng	99

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

Manual Integrations

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