

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138824.D
 Acq On : 07 Aug 2024 00:30
 Operator : RC/JU
 Sample : P3352-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 01:07:13 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	6.840	152	44102	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	177312	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	101403	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	167284	20.000	ng	0.00
76) Chrysene-d12	14.004	240	82642	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	88651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	423375	148.189	ng	0.02
7) Phenol-d6	6.493	99	549375	143.223	ng	0.00
23) Nitrobenzene-d5	7.410	82	389554	107.414	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	143764	173.079	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	726441	107.637	ng	0.00
79) Terphenyl-d14	12.945	244	619616	125.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	54735	43.760	ng	# 78
3) Pyridine	3.546	79	120741	39.849	ng	97
4) n-Nitrosodimethylamine	3.469	42	110547	61.258	ng	88
6) Aniline	6.510	93	119751	35.006	ng	# 1
8) 2-Chlorophenol	6.634	128	182998	60.880	ng	97
10) Phenol	6.510	94	226967	56.199	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	174007	55.989	ng	97
12) 1,3-Dichlorobenzene	6.781	146	182119	54.126	ng	99
13) 1,4-Dichlorobenzene	6.857	146	187677	55.270	ng	98
14) 1,2-Dichlorobenzene	7.010	146	179865	56.678	ng	100
15) Benzyl Alcohol	6.993	79	178557	64.586	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	274095	51.247	ng	# 46
17) 2-Methylphenol	7.110	107	149887	60.387	ng	# 87
18) Hexachloroethane	7.345	117	71553	55.980	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	144739	62.475	ng	97
20) 3+4-Methylphenols	7.263	107	200460	62.946	ng	# 81
22) Acetophenone	7.257	105	249743	57.525	ng	98
24) Nitrobenzene	7.428	77	208366	56.462	ng	99
25) Isophorone	7.669	82	379986	61.361	ng	99
26) 2-Nitrophenol	7.745	139	97831	61.617	ng	98
27) 2,4-Dimethylphenol	7.787	122	130668	68.785	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	221276	58.676	ng	99
29) 2,4-Dichlorophenol	7.987	162	156789	64.230	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	163478	58.032	ng	98
31) Naphthalene	8.145	128	546411	58.545	ng	100
32) Benzoic acid	7.934	122	69712	46.684	ng	98
33) 4-Chloroaniline	8.192	127	73672	23.515	ng	98
34) Hexachlorobutadiene	8.251	225	97876	57.363	ng	99
35) Caprolactam	8.592	113	35621m	48.905	ng	
36) 4-Chloro-3-methylphenol	8.692	107	181585	65.090	ng	99
37) 2-Methylnaphthalene	8.834	142	366524	62.182	ng	100
38) 1-Methylnaphthalene	8.934	142	337638	58.456	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	156614	55.599	ng	99
41) Hexachlorocyclopentadiene	8.981	237	113488	145.927	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	105435	61.390	ng	99
44) 2,4,5-Trichlorophenol	9.175	196	112376	59.852	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	441856	55.637	ng	99
47) 2-Chloronaphthalene	9.328	162	342457	57.979	ng	99
48) 2-Nitroaniline	9.428	65	122809	61.332	ng	99
49) Acenaphthylene	9.739	152	541774	64.672	ng	99
50) Dimethylphthalate	9.604	163	414442	63.919	ng	100
51) 2,6-Dinitrotoluene	9.669	165	91033	62.211	ng	92
52) Acenaphthene	9.910	154	332952	59.125	ng	99
53) 3-Nitroaniline	9.839	138	59208	39.141	ng	100
54) 2,4-Dinitrophenol	9.957	184	84077	124.818	ng	89
55) Dibenzofuran	10.086	168	485932	61.130	ng	99
56) 4-Nitrophenol	10.022	139	91915	101.043	ng	97
57) 2,4-Dinitrotoluene	10.081	165	118622	63.539	ng	# 85
58) Fluorene	10.428	166	396307	62.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	97833	68.156	ng	98
60) Diethylphthalate	10.298	149	400175	65.092	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	194343	62.423	ng	98
62) 4-Nitroaniline	10.463	138	86137	59.920	ng	92
63) Azobenzene	10.575	77	418850	61.428	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63837	62.550	ng	98
66) n-Nitrosodiphenylamine	10.539	169	336733	64.398	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	112691	62.220	ng	99
68) Hexachlorobenzene	10.975	284	115057	61.526	ng	97
69) Atrazine	11.069	200	91214	67.612	ng	99
70) Pentachlorophenol	11.175	266	100169	118.838	ng	98
71) Phenanthrene	11.392	178	543679	63.117	ng	100
72) Anthracene	11.439	178	554869	65.388	ng	100
73) Carbazole	11.598	167	455669	62.241	ng	99
74) Di-n-butylphthalate	11.916	149	590397	71.736	ng	100
75) Fluoranthene	12.575	202	482920	60.054	ng	99
77) Benzidine	12.698	184	14834	7.505	ng	98
78) Pyrene	12.804	202	474206	60.944	ng	99
80) Butylbenzylphthalate	13.416	149	178082	71.470	ng	96
81) Benzo(a)anthracene	13.992	228	368291	64.716	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	78087	53.619	ng	98
83) Chrysene	14.027	228	326184	63.531	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	232366	63.685	ng	100
85) Di-n-octyl phthalate	14.580	149	382944	56.727	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	365969	57.605	ng	96
88) Benzo(b)fluoranthene	15.039	252	348835	63.477	ng	97
89) Benzo(k)fluoranthene	15.068	252	319929	67.239	ng	98
90) Benzo(a)pyrene	15.404	252	312331	67.568	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	299504	57.431	ng	98
92) Benzo(g,h,i)perylene	17.380	276	267877	49.500	ng	96

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

