

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138825.D
 Acq On : 07 Aug 2024 01:02
 Operator : RC/JU
 Sample : P3352-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPMSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 01:43:31 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	6.839	152	45180	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	186018	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	105064	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	172727	20.000	ng	0.00
76) Chrysene-d12	14.004	240	86871	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	94985	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	384847	131.490	ng	0.02
7) Phenol-d6	6.492	99	506929	129.004	ng	0.00
23) Nitrobenzene-d5	7.410	82	355855	93.530	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129363	150.315	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	666261	95.281	ng	0.00
79) Terphenyl-d14	12.945	244	575884	110.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	48335	37.721	ng	# 78
3) Pyridine	3.528	79	111901	36.050	ng	96
4) n-Nitrosodimethylamine	3.457	42	100740	54.492	ng	88
6) Aniline	6.510	93	115270	32.893	ng	# 18
8) 2-Chlorophenol	6.634	128	164333	53.366	ng	97
10) Phenol	6.504	94	201946	48.810	ng	90
11) bis(2-Chloroethyl)ether	6.581	93	157655	49.517	ng	98
12) 1,3-Dichlorobenzene	6.781	146	169705	49.233	ng	99
13) 1,4-Dichlorobenzene	6.857	146	172093	49.472	ng	99
14) 1,2-Dichlorobenzene	7.010	146	161716	49.743	ng	98
15) Benzyl Alcohol	6.992	79	161655	57.077	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	249450	45.526	ng	# 47
17) 2-Methylphenol	7.110	107	133029	52.317	ng	# 85
18) Hexachloroethane	7.345	117	64389	49.173	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	129280	54.471	ng	97
20) 3+4-Methylphenols	7.263	107	180577	55.350	ng	# 79
22) Acetophenone	7.257	105	227005	49.840	ng	98
24) Nitrobenzene	7.428	77	190801	49.282	ng	99
25) Isophorone	7.669	82	346336	53.309	ng	99
26) 2-Nitrophenol	7.745	139	91174	54.737	ng	99
27) 2,4-Dimethylphenol	7.781	122	117631	59.024	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	199649	50.463	ng	99
29) 2,4-Dichlorophenol	7.986	162	142771	55.750	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	150174	50.815	ng	98
31) Naphthalene	8.145	128	497536	50.813	ng	100
32) Benzoic acid	7.928	122	64675	41.284	ng	96
33) 4-Chloroaniline	8.198	127	81195	24.704	ng	99
34) Hexachlorobutadiene	8.251	225	89368	49.925	ng	98
35) Caprolactam	8.586	113	33989m	44.480	ng	
36) 4-Chloro-3-methylphenol	8.692	107	164407	56.175	ng	98
37) 2-Methylnaphthalene	8.833	142	331969	53.684	ng	100
38) 1-Methylnaphthalene	8.933	142	310599	51.258	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	141365	48.437	ng	99
41) Hexachlorocyclopentadiene	8.980	237	101277	126.654	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	97625	54.862	ng	99
44) 2,4,5-Trichlorophenol	9.169	196	102774	52.831	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	401864	48.838	ng	98
47) 2-Chloronaphthalene	9.327	162	313977	51.305	ng	99
48) 2-Nitroaniline	9.427	65	112279	54.119	ng	100
49) Acenaphthylene	9.739	152	491204	56.593	ng	99
50) Dimethylphthalate	9.604	163	381606	56.804	ng	99
51) 2,6-Dinitrotoluene	9.669	165	82272	54.265	ng	94
52) Acenaphthene	9.910	154	301285	51.638	ng	100
53) 3-Nitroaniline	9.839	138	56826	36.257	ng	96
54) 2,4-Dinitrophenol	9.957	184	76792	110.030	ng	91
55) Dibenzofuran	10.086	168	448755	54.486	ng	99
56) 4-Nitrophenol	10.022	139	80047	84.930	ng	94
57) 2,4-Dinitrotoluene	10.074	165	109057	56.380	ng	# 87
58) Fluorene	10.427	166	361893	55.177	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	85414	57.431	ng	97
60) Diethylphthalate	10.298	149	365930	57.448	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	178601	55.368	ng	98
62) 4-Nitroaniline	10.463	138	75459	50.662	ng	89
63) Azobenzene	10.574	77	375910	53.210	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	59265	56.240	ng	97
66) n-Nitrosodiphenylamine	10.539	169	306115	56.698	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	104231	55.736	ng	99
68) Hexachlorobenzene	10.974	284	106354	55.080	ng	96
69) Atrazine	11.063	200	84873	60.930	ng	100
70) Pentachlorophenol	11.174	266	90270	103.719	ng	99
71) Phenanthrene	11.386	178	500470	56.270	ng	100
72) Anthracene	11.439	178	506498	57.807	ng	99
73) Carbazole	11.598	167	411864	54.484	ng	99
74) Di-n-butylphthalate	11.916	149	539304	63.463	ng	100
75) Fluoranthene	12.574	202	440003	52.992	ng	98
77) Benzidine	12.698	184	15698	7.555	ng	98
78) Pyrene	12.804	202	435250	53.214	ng	100
80) Butylbenzylphthalate	13.415	149	163072	62.260	ng	96
81) Benzo(a)anthracene	13.992	228	338988	56.667	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	77010	50.305	ng	97
83) Chrysene	14.027	228	300274	55.637	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	217614	56.739	ng	98
85) Di-n-octyl phthalate	14.580	149	349717	49.283	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	323385	47.508	ng	97
88) Benzo(b)fluoranthene	15.039	252	319223	54.215	ng	98
89) Benzo(k)fluoranthene	15.068	252	287139	56.323	ng	98
90) Benzo(a)pyrene	15.404	252	283161	57.172	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	261398	46.781	ng	98
92) Benzo(g,h,i)perylene	17.374	276	231670	39.955	ng	98

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

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