

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139041.D
 Acq On : 16 Aug 2024 00:48
 Operator : RC/JU
 Sample : P3485-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 02:53:53 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	6.833	152	41565	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	170141	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89510	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	131551	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	78293	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	77131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	259523	96.382	ng	0.00
7) Phenol-d6	6.486	99	351485	97.226	ng	0.00
23) Nitrobenzene-d5	7.404	82	232073	66.688	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	62919	85.813	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	395798	66.438	ng	-0.02
79) Terphenyl-d14	12.933	244	301071	64.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	48075	40.781	ng	# 91
3) Pyridine	3.422	79	125527	43.957	ng	94
4) n-Nitrosodimethylamine	3.393	42	105717	62.157	ng	85
6) Aniline	6.504	93	96331	29.879	ng	# 1
8) 2-Chlorophenol	6.628	128	155479	54.882	ng	99
9) Benzaldehyde	6.398	77	5928	2.735	ng	97
10) Phenol	6.498	94	201676	52.984	ng	88
11) bis(2-Chloroethyl)ether	6.575	93	147042	50.201	ng	100
12) 1,3-Dichlorobenzene	6.775	146	165369	52.148	ng	97
13) 1,4-Dichlorobenzene	6.851	146	171045	53.447	ng	100
14) 1,2-Dichlorobenzene	7.004	146	161265	53.919	ng	99
15) Benzyl Alcohol	6.986	79	150796	57.874	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	263761	52.325	ng	# 50
17) 2-Methylphenol	7.104	107	123847	52.942	ng	# 83
18) Hexachloroethane	7.339	117	65639	54.488	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	125784	57.607	ng	96
20) 3+4-Methylphenols	7.257	107	171126	57.015	ng	# 84
22) Acetophenone	7.251	105	212849	51.093	ng	99
24) Nitrobenzene	7.422	77	184469	52.093	ng	98
25) Isophorone	7.663	82	322875	54.336	ng	98
26) 2-Nitrophenol	7.739	139	82556	54.188	ng	91
27) 2,4-Dimethylphenol	7.780	122	100923	55.366	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	184842	51.081	ng	99
29) 2,4-Dichlorophenol	7.986	162	128871	55.019	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	141850	52.477	ng	98
31) Naphthalene	8.139	128	464093	51.821	ng	100
32) Benzoic acid	7.933	122	49213	34.346	ng	91
33) 4-Chloroaniline	8.198	127	41549	13.821	ng	96
34) Hexachlorobutadiene	8.251	225	85236	52.061	ng	99
35) Caprolactam	8.575	113	36502m	52.227	ng	
36) 4-Chloro-3-methylphenol	8.692	107	145435	54.329	ng	99
37) 2-Methylnaphthalene	8.827	142	300865	53.194	ng	99
38) 1-Methylnaphthalene	8.927	142	275619	49.729	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	127736	51.372	ng	98
41) Hexachlorocyclopentadiene	8.975	237	58677	88.359	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	79580	52.492	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81211	49.001	ng	98
46) 1,1'-Biphenyl	9.292	154	353861	50.477	ng	99
47) 2-Chloronaphthalene	9.322	162	274758	52.698	ng	99
48) 2-Nitroaniline	9.427	65	99125	56.081	ng	98
49) Acenaphthylene	9.733	152	426650	57.697	ng	99
50) Dimethylphthalate	9.592	163	333438	58.259	ng	100
51) 2,6-Dinitrotoluene	9.663	165	69111	53.505	ng	# 81
52) Acenaphthene	9.904	154	258945	52.093	ng	99
53) 3-Nitroaniline	9.839	138	40161	30.077	ng	94
54) 2,4-Dinitrophenol	9.957	184	47552	79.974	ng	84
55) Dibenzofuran	10.074	168	377884	53.854	ng	96
56) 4-Nitrophenol	10.022	139	56259	70.063	ng	86
57) 2,4-Dinitrotoluene	10.074	165	89652	54.402	ng	# 78
58) Fluorene	10.422	166	301792	54.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63958	50.477	ng	97
60) Diethylphthalate	10.292	149	314066	57.874	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	146934	53.466	ng	96
62) 4-Nitroaniline	10.457	138	57682m	45.457	ng	
63) Azobenzene	10.569	77	324609	53.932	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	41451	51.648	ng	95
66) n-Nitrosodiphenylamine	10.533	169	250888	61.014	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	80543	56.550	ng	97
68) Hexachlorobenzene	10.969	284	79400	53.992	ng	98
69) Atrazine	11.057	200	68665	64.723	ng	99
70) Pentachlorophenol	11.174	266	39709	59.906	ng	94
71) Phenanthrene	11.380	178	376155	55.531	ng	99
72) Anthracene	11.433	178	372792	55.864	ng	99
73) Carbazole	11.592	167	296116	51.434	ng	99
74) Di-n-butylphthalate	11.910	149	401735	62.072	ng	99
75) Fluoranthene	12.568	202	330580	52.276	ng	98
77) Benzidine	12.698	184	53208	28.413	ng	98
78) Pyrene	12.798	202	334914	45.433	ng	99
80) Butylbenzylphthalate	13.410	149	144393	61.169	ng	96
81) Benzo(a)anthracene	13.986	228	305749	56.710	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	51736	37.498	ng	99
83) Chrysene	14.027	228	263088	54.088	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	192728	55.756	ng	98
85) Di-n-octyl phthalate	14.574	149	338846	52.983	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	198721	35.951	ng	96
88) Benzo(b)fluoranthene	15.039	252	278155	58.175	ng	98
89) Benzo(k)fluoranthene	15.068	252	258982	62.559	ng	97
90) Benzo(a)pyrene	15.404	252	236129	58.712	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	162844	35.890	ng	96
92) Benzo(g,h,i)perylene	17.380	276	147565	31.341	ng	96

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

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