

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139069.D
 Acq On : 19 Aug 2024 11:46
 Operator : RC/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Aug 19 12:44:26 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 08/20/2024

Supervised By :mohammad
 ahmed
 08/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	46478	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	197295	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	114373	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	219070	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	112625	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	95189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382235	126.950	ng	0.00
7) Phenol-d6	6.487	99	526318	130.197	ng	0.00
23) Nitrobenzene-d5	7.404	82	357408	88.569	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124819	133.230	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	682253	89.626	ng	-0.01
79) Terphenyl-d14	12.939	244	623643	92.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	9700	7.359	ng	# 91
3) Pyridine	3.422	79	19759	6.188	ng	# 95
4) n-Nitrosodimethylamine	3.310	42	15584	8.194	ng	# 80
6) Aniline	6.504	93	35366	9.810	ng	# 65
8) 2-Chlorophenol	6.628	128	26997	8.522	ng	96
9) Benzaldehyde	6.398	77	22515	9.291	ng	97
10) Phenol	6.498	94	34558	8.119	ng	# 52
11) bis(2-Chloroethyl)ether	6.575	93	25558	7.803	ng	97
12) 1,3-Dichlorobenzene	6.775	146	28120	7.930	ng	97
13) 1,4-Dichlorobenzene	6.851	146	29535	8.253	ng	99
14) 1,2-Dichlorobenzene	7.004	146	28058	8.390	ng	98
15) Benzyl Alcohol	6.992	79	22628	7.766	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	7.104	45	48107	8.535	ng	51
17) 2-Methylphenol	7.104	107	20851	7.971	ng	# 79
18) Hexachloroethane	7.339	117	11604	8.614	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	20865	8.546	ng	91
20) 3+4-Methylphenols	7.269	107	26860	8.003	ng	# 53
22) Acetophenone	7.251	105	41478	8.586	ng	94
24) Nitrobenzene	7.422	77	34764	8.466	ng	97
25) Isophorone	7.657	82	57464	8.339	ng	# 97
26) 2-Nitrophenol	7.745	139	14508	8.212	ng	96
27) 2,4-Dimethylphenol	7.781	122	14982	7.088	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	33101	7.888	ng	99
29) 2,4-Dichlorophenol	7.998	162	22192	8.170	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	24521	7.823	ng	98
31) Naphthalene	8.139	128	82148	7.910	ng	99
32) Benzoic acid	7.939	122	4302m	2.589	ng	
33) 4-Chloroaniline	8.198	127	30294	8.690	ng	96
34) Hexachlorobutadiene	8.245	225	15681	8.259	ng	98
35) Caprolactam	8.545	113	6831	8.429	ng	94
36) 4-Chloro-3-methylphenol	8.686	107	25565	8.236	ng	95
37) 2-Methylnaphthalene	8.828	142	54987	8.384	ng	100
38) 1-Methylnaphthalene	8.928	142	52104	8.107	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	26631	8.382	ng	97
41) Hexachlorocyclopentadiene	8.975	237	341	7.336	ng	81
43) 2,4,6-Trichlorophenol	9.116	196	13796	7.122	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	15136	7.147	ng	#	91
46) 1,1'-Biphenyl	9.286	154	73847	8.244	ng		99
47) 2-Chloronaphthalene	9.316	162	52562	7.890	ng		98
48) 2-Nitroaniline	9.422	65	19093	8.454	ng		88
49) Acenaphthylene	9.728	152	81646	8.641	ng		99
50) Dimethylphthalate	9.586	163	64033	8.756	ng		99
51) 2,6-Dinitrotoluene	9.657	165	13335	8.080	ng	#	80
52) Acenaphthene	9.898	154	51010	8.031	ng		99
53) 3-Nitroaniline	9.839	138	13103	7.680	ng		94
54) 2,4-Dinitrophenol	9.986	184	1821m	2.397	ng		
55) Dibenzofuran	10.075	168	76538	8.537	ng		95
56) 4-Nitrophenol	10.057	139	2068m	2.016	ng		
57) 2,4-Dinitrotoluene	10.075	165	17665	8.389	ng	#	73
58) Fluorene	10.416	166	61530	8.618	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	12840m	7.931	ng		
60) Diethylphthalate	10.286	149	61568	8.879	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	29818	8.491	ng		94
62) 4-Nitroaniline	10.451	138	11646m	7.183	ng		
63) Azobenzene	10.569	77	67012	8.713	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	6712	5.022	ng		92
66) n-Nitrosodiphenylamine	10.527	169	52253	7.631	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	17448	7.356	ng		98
68) Hexachlorobenzene	10.963	284	17799	7.268	ng		93
69) Atrazine	11.051	200	18528	10.487	ng		95
70) Pentachlorophenol	11.186	266	1212	1.098	ng	#	80
71) Phenanthrene	11.380	178	94934	8.416	ng		99
72) Anthracene	11.433	178	91844	8.265	ng		99
73) Carbazole	11.598	167	72444	7.556	ng		98
74) Di-n-butylphthalate	11.910	149	96026	8.910	ng		99
75) Fluoranthene	12.574	202	83409	7.920	ng		97
77) Benzidine	12.704	184	16030	5.951	ng		96
78) Pyrene	12.804	202	81758	7.710	ng		100
80) Butylbenzylphthalate	13.410	149	30674	9.033	ng		97
81) Benzo(a)anthracene	13.992	228	62040	7.999	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	15921	8.022	ng	#	94
83) Chrysene	14.027	228	54334	7.765	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	36429	7.326	ng		98
85) Di-n-octyl phthalate	14.574	149	48226	5.242	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	45555	6.678	ng		95
88) Benzo(b)fluoranthene	15.039	252	47046	7.973	ng		98
89) Benzo(k)fluoranthene	15.068	252	42979	8.412	ng		99
90) Benzo(a)pyrene	15.410	252	40968	8.254	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	36322	6.486	ng		98
92) Benzo(g,h,i)perylene	17.404	276	35025	6.028	ng		98

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

