

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133756.D
 Acq On : 14 Jun 2023 17:45
 Operator : CG\JU
 Sample : 03114-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MARION-SOIL-0609MSD

Quant Time: Jun 15 01:28:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	125476	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	470562	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	213555	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	362450	20.000	ng	0.00
76) Chrysene-d12	14.004	240	238198	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	277233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	723685	100.407	ng	0.02
7) Phenol-d6	6.469	99	820406	87.447	ng	0.00
23) Nitrobenzene-d5	7.398	82	648852	75.104	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	258612	95.668	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1127569	75.056	ng	0.00
79) Terphenyl-d14	12.945	244	980700	63.707	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	99184	31.301	ng	# 79
3) Pyridine	3.463	79	239090	25.887	ng	99
4) n-Nitrosodimethylamine	3.393	42	186473	36.526	ng	98
6) Aniline	6.498	93	194127	16.428	ng	96
8) 2-Chlorophenol	6.616	128	293734	38.672	ng	99
9) Benzaldehyde	6.386	77	90433	14.529	ng	97
10) Phenol	6.481	94	309535	31.597	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	275463	37.876	ng	99
12) 1,3-Dichlorobenzene	6.775	146	307335	37.870	ng	98
13) 1,4-Dichlorobenzene	6.851	146	314215	38.307	ng	98
14) 1,2-Dichlorobenzene	7.004	146	300351	40.524	ng	98
15) Benzyl Alcohol	6.975	79	283822	38.734	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	490723	39.804	ng	99
17) 2-Methylphenol	7.086	107	239094	35.514	ng	99
18) Hexachloroethane	7.345	117	117066	41.689	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	218808	36.657	ng	99
20) 3+4-Methylphenols	7.239	107	287222	32.795	ng	91
22) Acetophenone	7.245	105	415711	38.518	ng	97
24) Nitrobenzene	7.422	77	328540	37.766	ng	99
25) Isophorone	7.657	82	579751	36.552	ng	99
26) 2-Nitrophenol	7.733	139	161592	41.389	ng	98
27) 2,4-Dimethylphenol	7.769	122	255607	37.984	ng	100
28) bis(2-Chloroethoxy)met...	7.869	93	339724	37.059	ng	99
29) 2,4-Dichlorophenol	7.975	162	245881	37.282	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	260286	37.827	ng	100
31) Naphthalene	8.139	128	827806	36.108	ng	99
32) Benzoic acid	7.875	122	103742	24.444	ng	98
33) 4-Chloroaniline	8.186	127	61565	6.280	ng	96
34) Hexachlorobutadiene	8.251	225	163604	36.315	ng	100
35) Caprolactam	8.557	113	68925m	31.058	ng	
36) 4-Chloro-3-methylphenol	8.669	107	270762	35.617	ng	95
37) 2-Methylnaphthalene	8.827	142	555010	34.843	ng	98
38) 1-Methylnaphthalene	8.927	142	519281	35.427	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	259233	39.930	ng	98
41) Hexachlorocyclopentadiene	8.980	237	232622	80.404	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	169026	38.961	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	180701	35.802	ng	99
46) 1,1'-Biphenyl	9.292	154	696708	40.451	ng	99
47) 2-Chloronaphthalene	9.322	162	503480	40.752	ng	99
48) 2-Nitroaniline	9.416	65	176051	38.963	ng	98
49) Acenaphthylene	9.733	152	809374	37.639	ng	99
50) Dimethylphthalate	9.598	163	605421	37.981	ng	99
51) 2,6-Dinitrotoluene	9.657	165	129049	39.222	ng	# 71
52) Acenaphthene	9.910	154	498252	39.586	ng	99
53) 3-Nitroaniline	9.827	138	74137	18.516	ng	95
54) 2,4-Dinitrophenol	9.933	184	75622	49.390	ng	97
55) Dibenzofuran	10.080	168	730233	38.021	ng	97
56) 4-Nitrophenol	9.992	139	176158	65.190	ng	85
57) 2,4-Dinitrotoluene	10.063	165	164315	39.268	ng	99
58) Fluorene	10.422	166	555203	37.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	142609	37.740	ng	96
60) Diethylphthalate	10.292	149	613178	37.796	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	271106	37.390	ng	98
62) 4-Nitroaniline	10.445	138	124980	31.836	ng	97
63) Azobenzene	10.574	77	566654	36.896	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	58971	34.049	ng	# 75
66) n-Nitrosodiphenylamine	10.533	169	492452	40.449	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	161410	39.899	ng	98
68) Hexachlorobenzene	10.969	284	173376	40.755	ng	99
69) Atrazine	11.063	200	154048	43.609	ng	97
70) Pentachlorophenol	11.163	266	162407	63.755	ng	99
71) Phenanthrene	11.386	178	710332	38.628	ng	100
72) Anthracene	11.439	178	727354	37.935	ng	98
73) Carbazole	11.592	167	648628	36.321	ng	99
74) Di-n-butylphthalate	11.921	149	858576	37.503	ng	99
75) Fluoranthene	12.574	202	681984	34.924	ng	99
77) Benzidine	12.698	184	159699	19.980	ng	99
78) Pyrene	12.804	202	684961	30.869	ng	100
80) Butylbenzylphthalate	13.421	149	307586	32.836	ng	95
81) Benzo(a)anthracene	13.998	228	631536	38.330	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	143452	26.188	ng	# 99
83) Chrysene	14.033	228	586710	37.649	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	424619	36.814	ng	97
85) Di-n-octyl phthalate	14.598	149	788899	48.131	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	656017	34.395	ng	99
88) Benzo(b)fluoranthene	15.045	252	699009	41.507	ng	98
89) Benzo(k)fluoranthene	15.074	252	634814	38.697	ng	98
90) Benzo(a)pyrene	15.409	252	592679	37.921	ng	98
91) Dibenzo(a,h)anthracene	16.950	278	561492	35.559	ng	99
92) Benzo(g,h,i)perylene	17.374	276	487483	31.138	ng	98

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

