

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043993.D
 Acq On : 06 Feb 2024 15:51
 Operator : MA/JU
 Sample : P1187-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Feb 07 03:08:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	336429	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1468246	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	921491	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2030929	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2016078	20.000	ng	0.00
86) Perylene-d12	23.921	264	2345650	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2551376	111.991	ng	0.00
7) Phenol-d6	7.087	99	3361374	99.861	ng	0.00
23) Nitrobenzene-d5	9.092	82	2760090	90.619	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1102642	98.162	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6228420	92.874	ng	0.00
79) Terphenyl-d14	19.956	244	10412750	99.703	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	50255	5.708	ng	97
3) Pyridine	3.799	79	118587	4.426	ng	97
4) n-Nitrosodimethylamine	3.722	42	53929	4.682	ng	# 85
6) Aniline	7.251	93	176842	5.280	ng	99
8) 2-Chlorophenol	7.481	128	115993	4.586	ng	98
9) Benzaldehyde	7.069	77	118693	3.259	ng	99
10) Phenol	7.110	94	158481	4.735	ng	92
11) bis(2-Chloroethyl)ether	7.357	93	130832	4.988	ng	99
12) 1,3-Dichlorobenzene	7.804	146	134983	4.943	ng	# 93
13) 1,4-Dichlorobenzene	7.957	146	136447	4.940	ng	97
14) 1,2-Dichlorobenzene	8.269	146	133583	4.904	ng	99
15) Benzyl Alcohol	8.169	79	109664	4.753	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	187422m	5.328	ng	
17) 2-Methylphenol	8.363	107	95595	4.468	ng	98
18) Hexachloroethane	8.992	117	50312	4.854	ng	95
19) n-Nitroso-di-n-propyla...	8.733	70	104179	4.704	ng	99
20) 3+4-Methylphenols	8.692	107	128904	4.269	ng	97
22) Acetophenone	8.751	105	202748	5.096	ng	# 98
24) Nitrobenzene	9.133	77	159593	5.222	ng	100
25) Isophorone	9.657	82	272910	4.813	ng	99
26) 2-Nitrophenol	9.839	139	51560	4.175	ng	95
27) 2,4-Dimethylphenol	9.898	122	84858	5.004	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	175488	5.068	ng	99
29) 2,4-Dichlorophenol	10.369	162	98775	4.566	ng	96
30) 1,2,4-Trichlorobenzene	10.586	180	122177	5.001	ng	99
31) Naphthalene	10.775	128	403911	4.936	ng	99
32) Benzoic acid	9.963	122	42759	8.657	ng	97
33) 4-Chloroaniline	10.892	127	167724	4.986	ng	98
34) Hexachlorobutadiene	11.051	225	65705	4.931	ng	96
35) Caprolactam	11.663	113	36080	4.068	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	116069	4.382	ng	97
37) 2-Methylnaphthalene	12.386	142	274002	4.801	ng	99
38) 1-Methylnaphthalene	12.604	142	269088	4.723	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	134886	5.161	ng	98
41) Hexachlorocyclopentadiene	12.721	237	48216	5.609	ng	95
43) 2,4,6-Trichlorophenol	12.992	196	76409	4.326	ng	98

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44) 2,4,5-Trichlorophenol	13.063	196	89434	4.438	ng	99
46) 1,1'-Biphenyl	13.404	154	373265	5.151	ng	98
47) 2-Chloronaphthalene	13.439	162	284452	4.922	ng	100
48) 2-Nitroaniline	13.651	65	78551	4.179	ng	97
49) Acenaphthylene	14.286	152	460799	5.216	ng	99
50) Dimethylphthalate	14.033	163	356106	4.975	ng	99
51) 2,6-Dinitrotoluene	14.151	165	68364	4.345	ng	98
52) Acenaphthene	14.627	154	273037	4.876	ng	99
53) 3-Nitroaniline	14.480	138	77811	4.260	ng	# 94
54) 2,4-Dinitrophenol	14.686	184	20376	9.314	ng	96
55) Dibenzofuran	14.963	168	444493	5.100	ng	97
56) 4-Nitrophenol	14.780	139	59239	3.711	ng	94
57) 2,4-Dinitrotoluene	14.933	165	82621	3.772	ng	97
58) Fluorene	15.615	166	358035	4.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	80224	4.618	ng	98
60) Diethylphthalate	15.398	149	355292	4.795	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	171595	4.997	ng	100
62) 4-Nitroaniline	15.639	138	77543	3.883	ng	94
63) Azobenzene	15.910	77	355920	4.809	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	32904	8.483	ng	91
66) n-Nitrosodiphenylamine	15.827	169	303137	5.011	ng	98
67) 4-Bromophenyl-phenylether	16.509	248	71457	3.572	ng	97
68) Hexachlorobenzene	16.609	284	114266	4.790	ng	97
69) Atrazine	16.786	200	97225	5.809	ng	99
70) Pentachlorophenol	16.956	266	54884	3.504	ng	98
71) Phenanthrene	17.356	178	576370	5.095	ng	100
72) Anthracene	17.451	178	543851	4.911	ng	99
73) Carbazole	17.727	167	533829	4.654	ng	99
74) Di-n-butylphthalate	18.303	149	594145	4.723	ng	100
75) Fluoranthene	19.374	202	648282	4.634	ng	99
77) Benzidine	19.574	184	165213	6.459	ng	98
78) Pyrene	19.739	202	689969	4.979	ng	98
80) Butylbenzylphthalate	20.662	149	260344	4.744	ng	97
81) Benzo(a)anthracene	21.497	228	727198	5.141	ng	98
82) 3,3'-Dichlorobenzidine	21.439	252	214566	4.744	ng	99
83) Chrysene	21.550	228	699074	5.159	ng	98
84) Bis(2-ethylhexyl)phtha...	21.450	149	388353	4.759	ng	100
85) Di-n-octyl phthalate	22.391	149	645822	4.594	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	805266	4.588	ng	98
88) Benzo(b)fluoranthene	23.186	252	736896	4.994	ng	100
89) Benzo(k)fluoranthene	23.238	252	669416	4.729	ng	99
90) Benzo(a)pyrene	23.815	252	608932	4.669	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	684570	4.729	ng	98
92) Benzo(g,h,i)perylene	27.179	276	667383	4.520	ng	99

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

