

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
 Data File : BP013491.D
 Acq On : 17 Jan 2023 11:55
 Operator : CG/JU
 Sample : N3214-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jan 18 03:12:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	600353	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2475932	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1698071	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3905537	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3881013	20.000	ng	0.00
86) Perylene-d12	23.862	264	4054930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3310116	96.853	ng	0.00
7) Phenol-d6	7.069	99	4547651	94.135	ng	0.00
23) Nitrobenzene-d5	9.075	82	3340319	71.676	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	2618682	98.795	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	8394656	72.268	ng	0.00
79) Terphenyl-d14	19.869	244	12291197	64.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	105428	7.867	ng	98
3) Pyridine	3.752	79	283327	6.781	ng	99
4) n-Nitrosodimethylamine	3.652	42	153436	7.658	ng	96
6) Aniline	7.228	93	467062	7.235	ng	98
8) 2-Chlorophenol	7.463	128	295571	7.473	ng	98
9) Benzaldehyde	7.040	77	257353m	8.825	ng	
10) Phenol	7.093	94	374991	7.520	ng	96
11) bis(2-Chloroethyl)ether	7.322	93	302803	7.491	ng	98
12) 1,3-Dichlorobenzene	7.787	146	334948	8.038	ng	97
13) 1,4-Dichlorobenzene	7.940	146	344586	8.114	ng	96
14) 1,2-Dichlorobenzene	8.257	146	331808	7.997	ng	97
15) Benzyl Alcohol	8.146	79	260172	6.989	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	491779	7.864	ng	99
17) 2-Methylphenol	8.346	107	250447	6.785	ng	98
18) Hexachloroethane	8.981	117	119442	7.942	ng	97
19) n-Nitroso-di-n-propyla...	8.710	70	252177	7.313	ng	97
20) 3+4-Methylphenols	8.675	107	336948	6.570	ng	98
22) Acetophenone	8.734	105	489900	7.726	ng	# 98
24) Nitrobenzene	9.116	77	370879	7.694	ng	98
25) Isophorone	9.640	82	690499	7.198	ng	99
26) 2-Nitrophenol	9.828	139	165731	6.955	ng	98
27) 2,4-Dimethylphenol	9.887	122	256830	6.547	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	424674	7.506	ng	99
29) 2,4-Dichlorophenol	10.363	162	297317	7.223	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	337870	7.756	ng	99
31) Naphthalene	10.763	128	1000840	7.644	ng	100
32) Benzoic acid	9.975	122	178514	5.456	ng	99
33) 4-Chloroaniline	10.881	127	411274	6.877	ng	99
34) Hexachlorobutadiene	11.046	225	218996	7.975	ng	99
35) Caprolactam	11.669	113	99568	6.788	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	321608	7.170	ng	97
37) 2-Methylnaphthalene	12.375	142	712849	7.252	ng	98
38) 1-Methylnaphthalene	12.592	142	690607	7.448	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	426109	7.656	ng	99
41) Hexachlorocyclopentadiene	12.716	237	199379	6.870	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	270743	7.075	ng	97

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44) 2,4,5-Trichlorophenol	13.057	196	295821	6.588	ng	97
46) 1,1'-Biphenyl	13.381	154	1002842	7.811	ng	99
47) 2-Chloronaphthalene	13.428	162	763324	7.752	ng	98
48) 2-Nitroaniline	13.634	65	208759	6.441	ng	96
49) Acenaphthylene	14.269	152	1179234	7.262	ng	99
50) Dimethylphthalate	14.004	163	989568	7.349	ng	99
51) 2,6-Dinitrotoluene	14.128	165	204177	6.951	ng	94
52) Acenaphthene	14.616	154	720343	7.495	ng	98
53) 3-Nitroaniline	14.463	138	200944	6.394	ng	97
54) 2,4-Dinitrophenol	14.675	184	111942	5.609	ng	97
55) Dibenzofuran	14.945	168	1207887	7.580	ng	99
56) 4-Nitrophenol	14.769	139	164653	6.521	ng	93
57) 2,4-Dinitrotoluene	14.922	165	271537	6.760	ng	94
58) Fluorene	15.598	166	973861	7.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	270693	6.971	ng	99
60) Diethylphthalate	15.369	149	952693	7.230	ng	100
61) 4-Chlorophenyl-phenylether	15.592	204	520389	7.793	ng	98
62) 4-Nitroaniline	15.628	138	203360	6.321	ng	99
63) Azobenzene	15.886	77	884382	7.310	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	159287	5.964	ng	92
66) n-Nitrosodiphenylamine	15.810	169	842979	7.345	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	326479	7.262	ng	98
68) Hexachlorobenzene	16.610	284	383641	7.836	ng	99
69) Atrazine	16.763	200	319104	7.592	ng	98
70) Pentachlorophenol	16.957	266	215777	6.013	ng	99
71) Phenanthrene	17.351	178	1586852	7.701	ng	99
72) Anthracene	17.445	178	1556122	7.421	ng	99
73) Carbazole	17.716	167	1428251	7.478	ng	100
74) Di-n-butylphthalate	18.257	149	1601113	7.223	ng	100
75) Fluoranthene	19.322	202	1905565	7.698	ng	99
77) Benzidine	19.498	184	939727	8.149	ng	100
78) Pyrene	19.674	202	1984010	7.773	ng	98
80) Butylbenzylphthalate	20.539	149	710477	6.439	ng	95
81) Benzo(a)anthracene	21.386	228	2037539	7.796	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	776418	7.951	ng	100
83) Chrysene	21.439	228	1898225	7.687	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	1054748	6.606	ng	99
85) Di-n-octyl phthalate	22.239	149	1712418	6.317	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	1865050	6.360	ng	100
88) Benzo(b)fluoranthene	23.110	252	1979928	8.224	ng	99
89) Benzo(k)fluoranthene	23.157	252	1894844	8.109	ng	98
90) Benzo(a)pyrene	23.751	252	1679216	7.100	ng	99
91) Dibenzo(a,h)anthracene	26.445	278	1623320	6.649	ng	100
92) Benzo(g,h,i)perylene	27.215	276	1567769	6.508	ng	98

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

