

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
 Data File : BP013477.D
 Acq On : 16 Jan 2023 12:10
 Operator : CG/JU
 Sample : N3214-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jan 17 03:42:23 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 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	429673	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1784303	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1240157	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	2878511	20.000	ng	0.00
76) Chrysene-d12	21.410	240	3056914	20.000	ng	0.00
86) Perylene-d12	23.874	264	3695546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2405495	98.343	ng	0.00
7) Phenol-d6	7.069	99	3286991	95.068	ng	0.00
23) Nitrobenzene-d5	9.081	82	2402624	71.538	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1896224	97.954	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	6196501	73.042	ng	0.00
79) Terphenyl-d14	19.875	244	10516051	70.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	77043	8.032	ng	98
3) Pyridine	3.752	79	205914	6.886	ng	98
4) n-Nitrosodimethylamine	3.658	42	109445	7.633	ng	# 94
6) Aniline	7.234	93	333761	7.224	ng	99
8) 2-Chlorophenol	7.469	128	214554	7.579	ng	99
9) Benzaldehyde	7.046	77	181371m	8.690	ng	
10) Phenol	7.099	94	273216	7.656	ng	96
11) bis(2-Chloroethyl)ether	7.328	93	217953	7.534	ng	98
12) 1,3-Dichlorobenzene	7.793	146	240535	8.065	ng	98
13) 1,4-Dichlorobenzene	7.940	146	246559	8.112	ng	99
14) 1,2-Dichlorobenzene	8.264	146	240287	8.092	ng	98
15) Benzyl Alcohol	8.152	79	186821	7.012	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	352164	7.868	ng	98
17) 2-Methylphenol	8.358	107	180416	6.829	ng	98
18) Hexachloroethane	8.993	117	85255	7.920	ng	100
19) n-Nitroso-di-n-propyla...	8.716	70	180248	7.304	ng	95
20) 3+4-Methylphenols	8.681	107	244680	6.666	ng	98
22) Acetophenone	8.740	105	353139	7.728	ng	# 98
24) Nitrobenzene	9.122	77	263940	7.598	ng	98
25) Isophorone	9.646	82	504502	7.298	ng	97
26) 2-Nitrophenol	9.834	139	116629	6.792	ng	98
27) 2,4-Dimethylphenol	9.893	122	192401	6.806	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	308032	7.555	ng	99
29) 2,4-Dichlorophenol	10.369	162	215084	7.251	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	242579	7.727	ng	97
31) Naphthalene	10.769	128	720189	7.633	ng	99
32) Benzoic acid	9.975	122	135191m	5.734	ng	
33) 4-Chloroaniline	10.887	127	298307	6.921	ng	99
34) Hexachlorobutadiene	11.052	225	157116	7.939	ng	99
35) Caprolactam	11.669	113	74399	7.039	ng	96
36) 4-Chloro-3-methylphenol	12.010	107	231030	7.147	ng	97
37) 2-Methylnaphthalene	12.381	142	520531	7.348	ng	99
38) 1-Methylnaphthalene	12.599	142	501265	7.501	ng	98
40) 1,2,4,5-Tetrachloroben...	12.752	216	303946	7.477	ng	99
41) Hexachlorocyclopentadiene	12.722	237	140062	6.608	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	196003	7.013	ng	99

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44) 2,4,5-Trichlorophenol	13.063	196	210771	6.427	ng	99
46) 1,1'-Biphenyl	13.393	154	716806	7.645	ng	98
47) 2-Chloronaphthalene	13.434	162	548198	7.623	ng	99
48) 2-Nitroaniline	13.646	65	149911	6.333	ng	94
49) Acenaphthylene	14.281	152	862873	7.276	ng	99
50) Dimethylphthalate	14.010	163	716980	7.291	ng	99
51) 2,6-Dinitrotoluene	14.140	165	145959	6.804	ng	95
52) Acenaphthene	14.622	154	525782	7.491	ng	97
53) 3-Nitroaniline	14.469	138	143964	6.273	ng	93
54) 2,4-Dinitrophenol	14.681	184	78925	5.414	ng	98
55) Dibenzofuran	14.957	168	870371	7.479	ng	99
56) 4-Nitrophenol	14.781	139	120580	6.539	ng	97
57) 2,4-Dinitrotoluene	14.928	165	192779	6.572	ng	94
58) Fluorene	15.610	166	707189	7.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	195682	6.900	ng	98
60) Diethylphthalate	15.375	149	700192	7.276	ng	99
61) 4-Chlorophenyl-phenylether	15.598	204	373668	7.662	ng	99
62) 4-Nitroaniline	15.634	138	144163	6.135	ng	98
63) Azobenzene	15.898	77	633177	7.166	ng	98
65) 4,6-Dinitro-2-methylphthalate	15.698	198	111566	5.667	ng	99
66) n-Nitrosodiphenylamine	15.816	169	613494	7.253	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	233601	7.050	ng	98
68) Hexachlorobenzene	16.616	284	281645	7.805	ng	99
69) Atrazine	16.775	200	234625	7.574	ng	99
70) Pentachlorophenol	16.969	266	151922	5.744	ng	97
71) Phenanthrene	17.363	178	1155206	7.606	ng	99
72) Anthracene	17.451	178	1151491	7.451	ng	99
73) Carbazole	17.728	167	1048955	7.452	ng	100
74) Di-n-butylphthalate	18.269	149	1177050	7.204	ng	100
75) Fluoranthene	19.328	202	1414396	7.753	ng	99
77) Benzidine	19.510	184	766851	8.442	ng	99
78) Pyrene	19.681	202	1504067	7.481	ng	97
80) Butylbenzylphthalate	20.545	149	556637	6.405	ng	95
81) Benzo(a)anthracene	21.392	228	1581043	7.680	ng	98
82) 3,3'-Dichlorobenzidine	21.322	252	627652	8.160	ng	98
83) Chrysene	21.451	228	1489972	7.660	ng	98
84) Bis(2-ethylhexyl)phthalate	21.304	149	868352	6.904	ng	98
85) Di-n-octyl phthalate	22.245	149	1522185	7.129	ng	98
87) Indeno(1,2,3-cd)pyrene	26.445	276	1980362	7.410	ng	99
88) Benzo(b)fluoranthene	23.116	252	1664075	7.584	ng	100
89) Benzo(k)fluoranthene	23.169	252	1686722	7.920	ng	98
90) Benzo(a)pyrene	23.763	252	1502908	6.972	ng	99
91) Dibenzo(a,h)anthracene	26.463	278	1727660	7.764	ng	99
92) Benzo(g,h,i)perylene	27.233	276	1708876	7.783	ng	99

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

