

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015290.D
 Acq On : 25 May 2023 14:03
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 25 15:09:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	187492	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	718378	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	431808	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	878131	20.000	ng	0.00
76) Chrysene-d12	21.586	240	806963	20.000	ng	0.00
86) Perylene-d12	24.139	264	927841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1053304	93.091	ng	0.00
7) Phenol-d6	7.263	99	1363202	91.933	ng	0.00
23) Nitrobenzene-d5	9.287	82	994934	67.623	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	526863	89.786	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	2165849	67.339	ng	0.00
79) Terphenyl-d14	20.045	244	2810607	65.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	41675	8.316	ng	97
3) Pyridine	3.881	79	87850	6.859	ng	98
4) n-Nitrosodimethylamine	3.787	42	45368	7.590	ng	94
6) Aniline	7.428	93	151946	8.107	ng	99
8) 2-Chlorophenol	7.669	128	98191	8.304	ng	98
9) Benzaldehyde	7.240	77	89676	8.070	ng	95
10) Phenol	7.287	94	119220	8.028	ng	97
11) bis(2-Chloroethyl)ether	7.528	93	102254	8.215	ng	97
12) 1,3-Dichlorobenzene	7.999	146	113416	8.620	ng	100
13) 1,4-Dichlorobenzene	8.146	146	113531	8.573	ng	98
14) 1,2-Dichlorobenzene	8.469	146	109626	8.676	ng	99
15) Benzyl Alcohol	8.352	79	76884	7.429	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.634	45	140047m	8.725	ng	
17) 2-Methylphenol	8.557	107	79026	7.478	ng	99
18) Hexachloroethane	9.199	117	42405	8.496	ng	94
19) n-Nitroso-di-n-propyla...	8.922	70	78521	8.274	ng	99
20) 3+4-Methylphenols	8.887	107	103752	7.267	ng	95
22) Acetophenone	8.946	105	157145	8.422	ng	# 98
24) Nitrobenzene	9.328	77	118422	8.083	ng	99
25) Isophorone	9.857	82	200538	7.595	ng	99
26) 2-Nitrophenol	10.052	139	45726	7.111	ng	95
27) 2,4-Dimethylphenol	10.099	122	86245	8.000	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	131827	8.101	ng	100
29) 2,4-Dichlorophenol	10.587	162	85606	7.659	ng	96
30) 1,2,4-Trichlorobenzene	10.799	180	102766	8.242	ng	99
31) Naphthalene	10.993	128	311859	8.243	ng	99
32) Benzoic acid	10.175	122	28701m	9.260	ng	
33) 4-Chloroaniline	11.104	127	116383	7.441	ng	99
34) Hexachlorobutadiene	11.269	225	63983	8.099	ng	99
35) Caprolactam	11.875	113	22412	6.531	ng	96
36) 4-Chloro-3-methylphenol	12.216	107	90007	7.406	ng	99
37) 2-Methylnaphthalene	12.587	142	213620	7.944	ng	98
38) 1-Methylnaphthalene	12.804	142	203109	8.096	ng	97
40) 1,2,4,5-Tetrachloroben...	12.951	216	118316	8.351	ng	99
41) Hexachlorocyclopentadiene	12.928	237	58633	7.813	ng	97
43) 2,4,6-Trichlorophenol	13.193	196	68334	7.430	ng	96

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44) 2,4,5-Trichlorophenol	13.263	196	71850	6.646	ng	97
46) 1,1'-Biphenyl	13.587	154	286823	8.383	ng	98
47) 2-Chloronaphthalene	13.634	162	218142	8.452	ng	99
48) 2-Nitroaniline	13.840	65	51621	6.547	ng	94
49) Acenaphthylene	14.475	152	325722	7.887	ng	100
50) Dimethylphthalate	14.204	163	258870	7.663	ng	99
51) 2,6-Dinitrotoluene	14.328	165	51398	7.206	ng	98
52) Acenaphthene	14.816	154	198437	8.068	ng	98
53) 3-Nitroaniline	14.663	138	47843	6.563	ng	98
54) 2,4-Dinitrophenol	14.875	184	20146	9.113	ng	90
55) Dibenzofuran	15.151	168	319068	7.930	ng	99
56) 4-Nitrophenol	14.963	139	34211	8.542	ng	89
57) 2,4-Dinitrotoluene	15.116	165	61216	6.527	ng	93
58) Fluorene	15.798	166	251447	8.091	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.375	232	64297	7.436	ng	100
60) Diethylphthalate	15.563	149	251794	7.482	ng	98
61) 4-Chlorophenyl-phenyle...	15.787	204	126073	7.923	ng	98
62) 4-Nitroaniline	15.822	138	42546	7.472	ng	97
63) Azobenzene	16.081	77	242067	7.540	ng	98
65) 4,6-Dinitro-2-methylph...	15.881	198	33569	6.294	ng	98
66) n-Nitrosodiphenylamine	16.004	169	211737	8.092	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	74373	7.833	ng	98
68) Hexachlorobenzene	16.804	284	88285	8.443	ng	98
69) Atrazine	16.951	200	69529	8.322	ng	99
70) Pentachlorophenol	17.151	266	45201	6.308	ng	97
71) Phenanthrene	17.551	178	378326	8.084	ng	100
72) Anthracene	17.639	178	374384	7.987	ng	99
73) Carbazole	17.910	167	320275	7.716	ng	99
74) Di-n-butylphthalate	18.439	149	380336	7.135	ng	100
75) Fluoranthene	19.504	202	415214	7.594	ng	99
77) Benzidine	19.680	184	152716	11.951	ng	99
78) Pyrene	19.857	202	444996	7.707	ng	99
80) Butylbenzylphthalate	20.710	149	156698	6.404	ng	100
81) Benzo(a)anthracene	21.569	228	423618	7.555	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	152927	8.831	ng	99
83) Chrysene	21.627	228	407725	7.584	ng	99
84) Bis(2-ethylhexyl)phtha...	21.469	149	235618	6.538	ng	99
85) Di-n-octyl phthalate	22.439	149	390052	6.398	ng	99
87) Indeno(1,2,3-cd)pyrene	26.839	276	520526	7.740	ng	99
88) Benzo(b)fluoranthene	23.351	252	450880	7.993	ng	99
89) Benzo(k)fluoranthene	23.404	252	426084	7.501	ng	99
90) Benzo(a)pyrene	24.027	252	380723	6.990	ng	97
91) Dibenzo(a,h)anthracene	26.857	278	427947	7.749	ng	98
92) Benzo(g,h,i)perylene	27.674	276	427404	7.616	ng	98

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

