

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
 Data File : BP013479.D
 Acq On : 16 Jan 2023 13:35
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jan 17 03:43:49 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	7.904	152	474128	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1948144	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1340388	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	3129511	20.000	ng	0.00
76) Chrysene-d12	21.410	240	3280409	20.000	ng	0.00
86) Perylene-d12	23.874	264	3861746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2985647	110.617	ng	0.00
7) Phenol-d6	7.075	99	4088697	107.167	ng	0.00
23) Nitrobenzene-d5	9.081	82	2754635	75.122	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	2396337	114.532	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	7084139	77.260	ng	0.00
79) Terphenyl-d14	19.874	244	11634676	72.510	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	102877	9.720	ng	99
3) Pyridine	3.752	79	273663	8.294	ng	100
4) n-Nitrosodimethylamine	3.658	42	149919	9.475	ng	# 99
6) Aniline	7.234	93	453367	8.893	ng	99
8) 2-Chlorophenol	7.469	128	290212	9.291	ng	99
9) Benzaldehyde	7.046	77	261048m	11.335	ng	
10) Phenol	7.099	94	363567	9.232	ng	97
11) bis(2-Chloroethyl)ether	7.328	93	297387	9.316	ng	98
12) 1,3-Dichlorobenzene	7.793	146	326376	9.917	ng	98
13) 1,4-Dichlorobenzene	7.946	146	335315	9.998	ng	99
14) 1,2-Dichlorobenzene	8.263	146	324508	9.904	ng	99
15) Benzyl Alcohol	8.152	79	255614	8.695	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	477903	9.677	ng	100
17) 2-Methylphenol	8.352	107	244482	8.386	ng	99
18) Hexachloroethane	8.987	117	114174	9.612	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	251195	9.224	ng	98
20) 3+4-Methylphenols	8.681	107	336916	8.318	ng	99
22) Acetophenone	8.740	105	481090	9.643	ng	# 99
24) Nitrobenzene	9.122	77	359633	9.482	ng	99
25) Isophorone	9.646	82	691022	9.155	ng	99
26) 2-Nitrophenol	9.834	139	161569	8.617	ng	99
27) 2,4-Dimethylphenol	9.893	122	258802	8.385	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	422947	9.501	ng	100
29) 2,4-Dichlorophenol	10.369	162	294024	9.078	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	325837	9.506	ng	98
31) Naphthalene	10.769	128	970632	9.422	ng	99
32) Benzoic acid	9.981	122	199471m	7.748	ng	
33) 4-Chloroaniline	10.887	127	413833	8.794	ng	99
34) Hexachlorobutadiene	11.051	225	216017	9.998	ng	99
35) Caprolactam	11.669	113	103486	8.967	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	316461	8.966	ng	99
37) 2-Methylnaphthalene	12.381	142	710127	9.182	ng	100
38) 1-Methylnaphthalene	12.598	142	679673	9.316	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	414983	9.446	ng	99
41) Hexachlorocyclopentadiene	12.722	237	202956	8.860	ng	97
43) 2,4,6-Trichlorophenol	12.987	196	271211	8.978	ng	97

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44) 2,4,5-Trichlorophenol	13.063	196	296192	8.356	ng	99
46) 1,1'-Biphenyl	13.387	154	991753	9.786	ng	98
47) 2-Chloronaphthalene	13.434	162	749029	9.637	ng	99
48) 2-Nitroaniline	13.639	65	213402	8.341	ng	93
49) Acenaphthylene	14.281	152	1171243	9.138	ng	99
50) Dimethylphthalate	14.010	163	986395	9.280	ng	100
51) 2,6-Dinitrotoluene	14.134	165	206555	8.909	ng	98
52) Acenaphthene	14.622	154	714796	9.422	ng	99
53) 3-Nitroaniline	14.469	138	203714	8.212	ng	97
54) 2,4-Dinitrophenol	14.681	184	115225	7.314	ng	98
55) Dibenzofuran	14.957	168	1190153	9.462	ng	99
56) 4-Nitrophenol	14.775	139	163464	8.201	ng	92
57) 2,4-Dinitrotoluene	14.928	165	272369	8.590	ng	99
58) Fluorene	15.604	166	962189	9.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	267992	8.743	ng	99
60) Diethylphthalate	15.375	149	959346	9.224	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	515506	9.779	ng	99
62) 4-Nitroaniline	15.633	138	206804	8.143	ng	98
63) Azobenzene	15.892	77	876048	9.173	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	162708	7.602	ng	96
66) n-Nitrosodiphenylamine	15.816	169	849249	9.235	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	323349	8.975	ng	99
68) Hexachlorobenzene	16.616	284	382528	9.750	ng	100
69) Atrazine	16.775	200	327307	9.718	ng	98
70) Pentachlorophenol	16.963	266	216066	7.515	ng	97
71) Phenanthrene	17.357	178	1576906	9.550	ng	99
72) Anthracene	17.451	178	1580371	9.406	ng	99
73) Carbazole	17.722	167	1451042	9.482	ng	100
74) Di-n-butylphthalate	18.263	149	1635100	9.205	ng	100
75) Fluoranthene	19.327	202	1940349	9.783	ng	99
77) Benzidine	19.510	184	1130980	11.603	ng	99
78) Pyrene	19.680	202	2040681	9.458	ng	98
80) Butylbenzylphthalate	20.545	149	775693	8.317	ng	95
81) Benzo(a)anthracene	21.392	228	2159470	9.775	ng	97
82) 3,3'-Dichlorobenzidine	21.321	252	863295	10.459	ng	99
83) Chrysene	21.445	228	2033845	9.744	ng	97
84) Bis(2-ethylhexyl)phtha...	21.304	149	1185187	8.781	ng	98
85) Di-n-octyl phthalate	22.245	149	2068773	9.029	ng	98
87) Indeno(1,2,3-cd)pyrene	26.445	276	2532841	9.069	ng	100
88) Benzo(b)fluoranthene	23.115	252	2228114	9.717	ng	99
89) Benzo(k)fluoranthene	23.163	252	2237038	10.052	ng	99
90) Benzo(a)pyrene	23.762	252	1990062	8.835	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	2211645	9.511	ng	99
92) Benzo(g,h,i)perylene	27.239	276	2178836	9.496	ng	98

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

