

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062623.D
 Acq On : 3 Sep 2024 13:09
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ--SOIL-10ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 04:54:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	62112	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	276546	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	229026	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	617606	20.000	ng	0.00
76) Chrysene-d12	21.538	240	634372	20.000	ng	0.00
86) Perylene-d12	24.610	264	686367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	418497	116.465	ng	0.00
7) Phenol-d6	7.090	99	610915	117.686	ng	0.00
23) Nitrobenzene-d5	9.076	82	428829	83.513	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	419439	130.135	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1148090	81.199	ng	0.00
79) Terphenyl-d14	19.910	244	2406049	75.205	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	17394	11.620	ng	94
3) Pyridine	3.805	79	39872	9.244	ng	93
4) n-Nitrosodimethylamine	3.717	42	21131	10.078	ng	# 94
6) Aniline	7.248	93	55815	11.508	ng	96
8) 2-Chlorophenol	7.489	128	38088	9.873	ng	92
9) Benzaldehyde	7.060	77	39040	12.929	ng	94
10) Phenol	7.113	94	50709	9.649	ng	94
11) bis(2-Chloroethyl)ether	7.342	93	40479	10.061	ng	93
12) 1,3-Dichlorobenzene	7.812	146	41974	9.915	ng	98
13) 1,4-Dichlorobenzene	7.959	146	43060	9.883	ng	99
14) 1,2-Dichlorobenzene	8.277	146	39760	9.284	ng	99
15) Benzyl Alcohol	8.153	79	38377	9.992	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.441	45	74199	9.676	ng	99
17) 2-Methylphenol	8.359	107	32181	8.785	ng	96
18) Hexachloroethane	9.005	117	15017	9.192	ng	93
19) n-Nitroso-di-n-propyla...	8.717	70	38735	9.470	ng	94
20) 3+4-Methylphenols	8.688	107	47022	8.701	ng	95
22) Acetophenone	8.741	105	71755	9.618	ng	# 94
24) Nitrobenzene	9.117	77	53237	9.751	ng	97
25) Isophorone	9.640	82	111690	9.909	ng	98
26) 2-Nitrophenol	9.828	139	19758	9.578	ng	96
27) 2,4-Dimethylphenol	9.892	122	13625	4.508	ng	94
28) bis(2-Chloroethoxy)met...	10.121	93	58214	9.648	ng	100
29) 2,4-Dichlorophenol	10.362	162	41241	9.758	ng	97
30) 1,2,4-Trichlorobenzene	10.580	180	48815	9.743	ng	96
31) Naphthalene	10.768	128	134292	9.797	ng	99
32) Benzoic acid	9.963	122	23233m	7.147	ng	
33) 4-Chloroaniline	10.874	127	56126	10.405	ng	97
34) Hexachlorobutadiene	11.056	225	33310	9.519	ng	92
35) Caprolactam	11.620	113	15875	9.744	ng	93
36) 4-Chloro-3-methylphenol	11.996	107	48116	9.439	ng	97
37) 2-Methylnaphthalene	12.372	142	103094	9.697	ng	99
38) 1-Methylnaphthalene	12.595	142	100980	9.459	ng	97
40) 1,2,4,5-Tetrachloroben...	12.742	216	71202	10.338	ng	98
41) Hexachlorocyclopentadiene	12.724	237	18264	9.294	ng	94
43) 2,4,6-Trichlorophenol	12.983	196	43358	9.930	ng	95

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44) 2,4,5-Trichlorophenol	13.053	196	46562	9.417	ng	98
46) 1,1'-Biphenyl	13.382	154	156519	10.244	ng	99
47) 2-Chloronaphthalene	13.423	162	124294	10.037	ng	97
48) 2-Nitroaniline	13.623	65	31129	9.558	ng	96
49) Acenaphthylene	14.270	152	200100	10.912	ng	98
50) Dimethylphthalate	13.999	163	169426	10.117	ng	99
51) 2,6-Dinitrotoluene	14.117	165	28585	9.024	ng	97
52) Acenaphthene	14.610	154	113436	9.895	ng	100
53) 3-Nitroaniline	14.446	138	30388	9.914	ng	98
54) 2,4-Dinitrophenol	14.651	184	13577	7.638	ng	# 91
55) Dibenzofuran	14.945	168	207234	10.541	ng	94
56) 4-Nitrophenol	14.757	139	26389	10.159	ng	94
57) 2,4-Dinitrotoluene	14.904	165	38294	8.860	ng	99
58) Fluorene	15.592	166	160007	10.371	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	47235	10.084	ng	# 98
60) Diethylphthalate	15.362	149	164888	9.934	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	90512	10.219	ng	95
62) 4-Nitroaniline	15.603	138	33459	9.900	ng	98
63) Azobenzene	15.879	77	155889	10.002	ng	98
65) 4,6-Dinitro-2-methylph...	15.668	198	22388	8.123	ng	94
66) n-Nitrosodiphenylamine	15.803	169	144520	9.733	ng	97
67) 4-Bromophenyl-phenylether	16.485	248	63696	9.993	ng	91
68) Hexachlorobenzene	16.602	284	74810	9.910	ng	97
69) Atrazine	16.749	200	64250	12.739	ng	98
70) Pentachlorophenol	16.943	266	37275	7.710	ng	94
71) Phenanthrene	17.337	178	296583	10.288	ng	99
72) Anthracene	17.425	178	285028	10.056	ng	98
73) Carbazole	17.689	167	258436	9.918	ng	99
74) Di-n-butylphthalate	18.259	149	290927	9.901	ng	99
75) Fluoranthene	19.346	202	375735	10.306	ng	99
77) Benzidine	19.528	184	85412	7.470	ng	99
78) Pyrene	19.704	202	397284	9.852	ng	99
80) Butylbenzylphthalate	20.603	149	104387	8.813	ng	98
81) Benzo(a)anthracene	21.520	228	401218	10.028	ng	99
82) 3,3'-Dichlorobenzidine	21.438	252	135372	10.386	ng	97
83) Chrysene	21.579	228	382388	9.977	ng	98
84) Bis(2-ethylhexyl)phtha...	21.438	149	166474	9.252	ng	# 97
85) Di-n-octyl phthalate	22.601	149	278430	8.837	ng	97
87) Indeno(1,2,3-cd)pyrene	28.071	276	444708	10.104	ng	99
88) Benzo(b)fluoranthene	23.635	252	386375	10.192	ng	97
89) Benzo(k)fluoranthene	23.700	252	379186	10.225	ng	99
90) Benzo(a)pyrene	24.463	252	346379	10.342	ng	99
91) Dibenzo(a,h)anthracene	28.136	278	368811	10.172	ng	# 97
92) Benzo(g,h,i)perylene	29.152	276	353891	9.680	ng	96

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

