

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049206.D
 Acq On : 7 Jul 2021 19:29
 Operator : CG/JU
 Sample : M2947-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMS

Manual Integrations
 APPROVED

mohammad
 7/8/2021 12:40:29 PM

Quant Time: Jul 08 02:21:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	40750	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	163968	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	106067	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	227025	20.000	ng	# 0.00
76) Chrysene-d12	21.771	240	216223	20.000	ng	0.00
86) Perylene-d12	25.085	264	228720	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	273075	104.960	ng	0.01
7) Phenol-d6	7.247	99	350089	94.381	ng	0.00
23) Nitrobenzene-d5	9.262	82	250669	64.816	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	186259	101.299	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	517979	65.886	ng	0.00
79) Terphenyl-d14	20.090	244	775814	60.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	38872	34.031	ng	# 74
3) Pyridine	3.921	79	98570	31.916	ng	95
4) n-Nitrosodimethylamine	3.839	42	79842	45.517	ng	# 79
6) Aniline	7.411	93	171675	38.015	ng	94
8) 2-Chlorophenol	7.652	128	143393	50.234	ng	94
9) Benzaldehyde	7.223	77	100126m	51.320	ng	
10) Phenol	7.276	94	180093	48.331	ng	93
11) bis(2-Chloroethyl)ether	7.499	93	130213	47.910	ng	85
12) 1,3-Dichlorobenzene	7.975	146	152539	47.778	ng	97
13) 1,4-Dichlorobenzene	8.128	146	155171	48.333	ng	99
14) 1,2-Dichlorobenzene	8.445	146	150019	48.536	ng	91
15) Benzyl Alcohol	8.328	79	154461	47.289	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.616	45	206860	44.834	ng	85
17) 2-Methylphenol	8.533	107	121198	48.269	ng	96
18) Hexachloroethane	9.180	117	62591	48.822	ng	98
19) n-Nitroso-di-n-propyla...	8.898	70	114702	43.028	ng	96
20) 3+4-Methylphenols	8.862	107	165083	47.425	ng	96
22) Acetophenone	8.915	105	230963	47.221	ng	# 99
24) Nitrobenzene	9.303	77	184777	44.095	ng	96
25) Isophorone	9.826	82	304603	41.003	ng	96
26) 2-Nitrophenol	10.014	139	78954	47.327	ng	98
27) 2,4-Dimethylphenol	10.073	122	130050	51.958	ng	97
28) bis(2-Chloroethoxy)met...	10.302	93	170927	48.794	ng	98
29) 2,4-Dichlorophenol	10.555	162	139603	46.508	ng	92
30) 1,2,4-Trichlorobenzene	10.772	180	165387	46.786	ng	98
31) Naphthalene	10.960	128	430907	45.137	ng	98
32) Benzoic acid	10.237	122	88410	44.292	ng	# 71
33) 4-Chloroaniline	11.066	127	93993	23.811	ng	95
34) Hexachlorobutadiene	11.248	225	125471	48.042	ng	93
35) Caprolactam	11.859	113	43080m	45.219	ng	
36) 4-Chloro-3-methylphenol	12.188	107	156070	45.187	ng	# 95
37) 2-Methylnaphthalene	12.564	142	325773	45.314	ng	95
38) 1-Methylnaphthalene	12.781	142	295800	43.446	ng	96
40) 1,2,4,5-Tetrachloroben...	12.928	216	192549	52.036	ng	97
41) Hexachlorocyclopentadiene	12.911	237	167395	76.371	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	130513	51.077	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	137618	49.250	ng	88
46) 1,1'-Biphenyl	13.569	154	402545	50.803	ng	99
47) 2-Chloronaphthalene	13.610	162	315492	48.387	ng	99
48) 2-Nitroaniline	13.810	65	113691	47.820	ng	97
49) Acenaphthylene	14.456	152	501495	48.786	ng	96
50) Dimethylphthalate	14.186	163	400920	47.098	ng	100
51) 2,6-Dinitrotoluene	14.303	165	88422	45.312	ng	89
52) Acenaphthene	14.797	154	297961	46.508	ng	88
53) 3-Nitroaniline	14.632	138	62209	33.188	ng	91
54) 2,4-Dinitrophenol	14.844	184	69463	53.657	ng	94
55) Dibenzofuran	15.132	168	481692	46.186	ng	98
56) 4-Nitrophenol	14.949	139	143014	93.627	ng	90
57) 2,4-Dinitrotoluene	15.090	165	125733	45.359	ng	97
58) Fluorene	15.784	166	397711	46.107	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.355	232	125088	48.090	ng	98
60) Diethylphthalate	15.543	149	420252	46.592	ng	97
61) 4-Chlorophenyl-phenyle...	15.772	204	221681	46.431	ng	98
62) 4-Nitroaniline	15.801	138	75611	38.831	ng	86
63) Azobenzene	16.066	77	396240	43.574	ng	91
65) 4,6-Dinitro-2-methylph...	15.854	198	47353	29.200	ng	90
66) n-Nitrosodiphenylamine	15.984	169	340282	47.925	ng	97
67) 4-Bromophenyl-phenylether	16.665	248	148516	48.491	ng	93
68) Hexachlorobenzene	16.788	284	166329	49.123	ng	96
69) Atrazine	16.935	200	142889	60.598	ng	99
70) Pentachlorophenol	17.135	266	209057	106.071	ng	92
71) Phenanthrene	17.529	178	608920	46.578	ng	99
72) Anthracene	17.617	178	623577	47.848	ng	98
73) Carbazole	17.887	167	556994	44.828	ng	98
74) Di-n-butylphthalate	18.439	149	668582	46.800	ng	# 97
75) Fluoranthene	19.532	202	721396	44.078	ng	97
77) Benzidine	19.709	184	489187	105.328	ng	97
78) Pyrene	19.897	202	729311	45.412	ng	96
80) Butylbenzylphthalate	20.772	149	286877	47.150	ng	94
81) Benzo(a)anthracene	21.753	228	721342	44.727	ng	100
82) 3,3'-Dichlorobenzidine	21.659	252	228964	41.733	ng	98
83) Chrysene	21.818	228	700272	45.706	ng	95
84) Bis(2-ethylhexyl)phtha...	21.648	149	408409	47.523	ng	96
85) Di-n-octyl phthalate	22.887	149	685081	47.365	ng	97
87) Indeno(1,2,3-cd)pyrene	28.868	276	848984	46.519	ng	# 77
88) Benzo(b)fluoranthene	24.027	252	759508	46.016	ng	# 97
89) Benzo(k)fluoranthene	24.098	252	727288	46.189	ng	# 99
90) Benzo(a)pyrene	24.932	252	740393	48.628	ng	# 96
91) Dibenzo(a,h)anthracene	28.951	278	726768	47.180	ng	98
92) Benzo(g,h,i)perylene	30.061	276	669412	44.085	ng	99

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

