

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
 Data File : BG054310.D
 Acq On : 18 Jul 2022 13:05
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 18 14:19:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 14:19:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	17224	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	61536	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	50119	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	135246	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	170568	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	181177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	122796	148.853	ng	0.00
7) Phenol-d6	7.166	99	165488	146.400	ng	0.00
23) Nitrobenzene-d5	9.158	82	92722	82.055	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	155984	148.230	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	295710	83.233	ng	0.00
79) Terphenyl-d14	19.986	244	720599	83.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	3299	10.052	ng	# 82
3) Pyridine	3.840	79	7050	8.468	ng	90
4) n-Nitrosodimethylamine	3.752	42	4181	8.981	ng	# 76
6) Aniline	7.319	93	12740	9.764	ng	# 95
8) 2-Chlorophenol	7.565	128	8314	8.770	ng	86
9) Benzaldehyde	7.136	77	7276m	11.459	ng	
10) Phenol	7.189	94	10046	8.945	ng	84
11) bis(2-Chloroethyl)ether	7.412	93	7467	9.119	ng	85
12) 1,3-Dichlorobenzene	7.888	146	11010	9.532	ng	89
13) 1,4-Dichlorobenzene	8.029	146	11167	9.362	ng	93
14) 1,2-Dichlorobenzene	8.353	146	10295	9.152	ng	97
15) Benzyl Alcohol	8.235	79	8065	8.675	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.529	45	8707	8.443	ng	92
17) 2-Methylphenol	8.447	107	7163	8.849	ng	# 89
18) Hexachloroethane	9.081	117	3705	9.380	ng	# 70
19) n-Nitroso-di-n-propyla...	8.799	70	6417	8.501	ng	# 81
20) 3+4-Methylphenols	8.776	107	9779	8.574	ng	91
22) Acetophenone	8.823	105	13769	9.303	ng	# 96
24) Nitrobenzene	9.199	77	10706	9.695	ng	# 91
25) Isophorone	9.722	82	18819	9.576	ng	# 94
26) 2-Nitrophenol	9.915	139	4947	8.887	ng	87
27) 2,4-Dimethylphenol	9.974	122	8296	10.788	ng	98
28) bis(2-Chloroethoxy)met...	10.203	93	10219	10.310	ng	# 96
29) 2,4-Dichlorophenol	10.462	162	10412	8.970	ng	87
30) 1,2,4-Trichlorobenzene	10.668	180	14225	9.896	ng	# 96
31) Naphthalene	10.856	128	28625	9.267	ng	98
32) Benzoic acid	10.150	122	2994m	12.206	ng	
33) 4-Chloroaniline	10.967	127	11396	9.072	ng	96
34) Hexachlorobutadiene	11.143	225	11844	9.323	ng	97
35) Caprolactam	11.719	113	2657	9.091	ng	# 53
36) 4-Chloro-3-methylphenol	12.089	107	9327	8.833	ng	# 83
37) 2-Methylnaphthalene	12.460	142	22327	9.412	ng	93
38) 1-Methylnaphthalene	12.683	142	21500	9.302	ng	97
40) 1,2,4,5-Tetrachloroben...	12.836	216	21365	9.730	ng	# 93
41) Hexachlorocyclopentadiene	12.812	237	6409	12.441	ng	96
43) 2,4,6-Trichlorophenol	13.076	196	10492	8.776	ng	98

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44) 2,4,5-Trichlorophenol	13.153	196	11555m	8.554	ng	
46) 1,1'-Biphenyl	13.464	154	32481	9.473	ng	96
47) 2-Chloronaphthalene	13.511	162	26300	9.165	ng	93
48) 2-Nitroaniline	13.711	65	7067	9.437	ng	92
49) Acenaphthylene	14.357	152	41182	9.659	ng	97
50) Dimethylphthalate	14.081	163	34677	8.858	ng	# 98
51) 2,6-Dinitrotoluene	14.205	165	7893	9.192	ng	# 74
52) Acenaphthene	14.698	154	22965	8.895	ng	97
53) 3-Nitroaniline	14.534	138	6289	8.757	ng	# 79
54) 2,4-Dinitrophenol	14.757	184	4061	9.734	ng	# 66
55) Dibenzofuran	15.033	168	41752	9.088	ng	95
56) 4-Nitrophenol	14.857	139	3633	7.583	ng	98
57) 2,4-Dinitrotoluene	14.998	165	10824	8.793	ng	# 78
58) Fluorene	15.679	166	34206	9.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.262	232	10720	8.151	ng	# 87
60) Diethylphthalate	15.444	149	34251	9.120	ng	96
61) 4-Chlorophenyl-phenyle...	15.668	204	23929	9.651	ng	# 86
62) 4-Nitroaniline	15.697	138	6845	9.072	ng	# 74
63) Azobenzene	15.961	77	24082	8.875	ng	81
65) 4,6-Dinitro-2-methylph...	15.762	198	7799	9.334	ng	82
66) n-Nitrosodiphenylamine	15.885	169	30969	9.171	ng	98
67) 4-Bromophenyl-phenylether	16.561	248	17555	9.242	ng	# 92
68) Hexachlorobenzene	16.690	284	20342	9.365	ng	# 91
69) Atrazine	16.825	200	15693	10.444	ng	93
70) Pentachlorophenol	17.037	266	7371	8.672	ng	94
71) Phenanthrene	17.418	178	61783	9.173	ng	98
72) Anthracene	17.512	178	63754	9.646	ng	99
73) Carbazole	17.777	167	52163	9.586	ng	97
74) Di-n-butylphthalate	18.335	149	58731	9.146	ng	# 97
75) Fluoranthene	19.434	202	86612	9.434	ng	96
77) Benzidine	19.604	184	36993	11.975	ng	98
78) Pyrene	19.792	202	87019	8.891	ng	99
80) Butylbenzylphthalate	20.673	149	25817	8.465	ng	# 83
81) Benzo(a)anthracene	21.625	228	98815	9.126	ng	98
82) 3,3'-Dichlorobenzidine	21.537	252	37215	11.052	ng	# 97
83) Chrysene	21.690	228	90949	8.891	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	37297	8.642	ng	# 94
85) Di-n-octyl phthalate	22.724	149	63763	8.660	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.500	276	118937	8.629	ng	# 96
88) Benzo(b)fluoranthene	23.823	252	100382	9.369	ng	# 98
89) Benzo(k)fluoranthene	23.893	252	98990	9.283	ng	# 96
90) Benzo(a)pyrene	24.692	252	98632	10.779	ng	# 98
91) Dibenzo(a,h)anthracene	28.547	278	105977	9.351	ng	# 95
92) Benzo(g,h,i)perylene	29.639	276	103960	9.294	ng	# 90

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

Manual Integrations

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