Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
Data File : BM031880.D
Acq On : 24 Aug 2021 11:41
Operator : CG/JU
Sample : M2262-02
Misc : LOQ--SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 24 12:10:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 11:19:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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8/25/2021 3:36:06 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	34578	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	147733	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	100387	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	218793	20.000	ng	0.00
76) Chrysene-d12	21.127	240	199286	20.000	ng	0.00
86) Perylene-d12	23.268	264	178688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	213183	90.697	ng	0.00
7) Phenol-d6	6.722	99	298860	94.663	ng	0.00
23) Nitrobenzene-d5	8.675	82	337760	93.099	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	125709	113.643	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	810245	103.848	ng	0.00
79) Terphenyl-d14	19.574	244	1382100	104.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	3580	4.690	ng	# 74
3) Pyridine	3.569	79	8801m	3.825	ng	
4) n-Nitrosodimethylamine	3.481	42	5703	5.679	ng	# 50
6) Aniline	6.875	93	16986	5.055	ng	97
8) 2-Chlorophenol	7.098	128	10664	4.231	ng	97
9) Benzaldehyde	6.693	77	11998	5.749	ng	96
10) Phenol	6.745	94	13179	4.178	ng	95
11) bis(2-Chloroethyl)ether	6.969	93	10447	4.378	ng	96
12) 1,3-Dichlorobenzene	7.410	146	12313	4.515	ng	96
13) 1,4-Dichlorobenzene	7.557	146	12756	4.606	ng	97
14) 1,2-Dichlorobenzene	7.863	146	12038	4.463	ng	99
15) Benzyl Alcohol	7.775	79	10295	3.968	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.057	45	13841	3.882	ng	94
17) 2-Methylphenol	7.975	107	9254	4.358	ng	95
18) Hexachloroethane	8.575	117	5304	4.497	ng	94
19) n-Nitroso-di-n-propyla...	8.334	70	9100	3.829	ng	# 93
20) 3+4-Methylphenols	8.304	107	12110	4.090	ng	97
22) Acetophenone	8.345	105	19544	4.537	ng	# 99
24) Nitrobenzene	8.716	77	15252	4.104	ng	98
25) Isophorone	9.239	82	25732	3.953	ng	98
26) 2-Nitrophenol	9.416	139	5495	3.918	ng	96
27) 2,4-Dimethylphenol	9.486	122	10834	5.018	ng	95
28) bis(2-Chloroethoxy)met...	9.722	93	14374	4.543	ng	94
29) 2,4-Dichlorophenol	9.957	162	10160	4.153	ng	91
30) 1,2,4-Trichlorobenzene	10.151	180	12417	4.780	ng	92
31) Naphthalene	10.333	128	37851	4.468	ng	99
32) Benzoic acid	9.581	122	3970	2.170	ng	# 88
33) 4-Chloroaniline	10.469	127	15587	4.634	ng	# 91
34) Hexachlorobutadiene	10.610	225	7844	4.831	ng	95
35) Caprolactam	11.257	113	2960	3.823	ng	94
36) 4-Chloro-3-methylphenol	11.592	107	12560	4.324	ng	96
37) 2-Methylnaphthalene	11.951	142	28144	4.608	ng	96
38) 1-Methylnaphthalene	12.175	142	26580	4.623	ng	98
40) 1,2,4,5-Tetrachloroben...	12.327	216	13873	4.809	ng	97
41) Hexachlorocyclopentadiene	12.298	237	5528	3.951	ng	98
43) 2,4,6-Trichlorophenol	12.586	196	8509m	3.995	ng	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	9514	4.188	ng		88
46) 1,1'-Biphenyl	12.986	154	37110	4.583	ng		97
47) 2-Chloronaphthalene	13.027	162	27865	4.431	ng		98
48) 2-Nitroaniline	13.251	65	7612	3.479	ng		94
49) Acenaphthylene	13.880	152	44418	4.354	ng		97
50) Dimethylphthalate	13.639	163	37276	4.571	ng		99
51) 2,6-Dinitrotoluene	13.757	165	6683	3.756	ng		98
52) Acenaphthene	14.227	154	26820	4.371	ng		96
53) 3-Nitroaniline	14.098	138	6752	3.877	ng	#	88
54) 2,4-Dinitrophenol	14.316	184	2311	2.326	ng		91
55) Dibenzofuran	14.568	168	43800	4.311	ng		98
56) 4-Nitrophenol	14.439	139	4635	3.232	ng	#	86
57) 2,4-Dinitrotoluene	14.563	165	9300	3.755	ng		92
58) Fluorene	15.221	166	35259	4.236	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.804	232	8365	4.301	ng	#	95
60) Diethylphthalate	15.010	149	39535	4.452	ng		98
61) 4-Chlorophenyl-phenyle...	15.221	204	17528	4.395	ng		99
62) 4-Nitroaniline	15.268	138	6143	3.708	ng		88
63) Azobenzene	15.515	77	40161	3.923	ng		97
65) 4,6-Dinitro-2-methylph...	15.333	198	4248	2.787	ng		94
66) n-Nitrosodiphenylamine	15.445	169	29394	3.979	ng		98
67) 4-Bromophenyl-phenylether	16.121	248	10288	4.329	ng		93
68) Hexachlorobenzene	16.221	284	10941	4.351	ng		91
69) Atrazine	16.410	200	11232	4.548	ng		97
70) Pentachlorophenol	16.580	266	6117	3.719	ng		96
71) Phenanthrene	16.962	178	57203	4.341	ng		99
72) Anthracene	17.051	178	57302	4.420	ng		99
73) Carbazole	17.333	167	51184	4.105	ng		97
74) Di-n-butylphthalate	17.904	149	65096	3.919	ng		99
75) Fluoranthene	18.986	202	63647	4.345	ng		99
77) Benzidine	19.192	184	29681	5.824	ng		97
78) Pyrene	19.351	202	64903	4.064	ng		98
80) Butylbenzylphthalate	20.274	149	29639	3.765	ng		98
81) Benzo(a)anthracene	21.109	228	62576	4.283	ng		99
82) 3,3'-Dichlorobenzidine	21.056	252	21553	4.983	ng		97
83) Chrysene	21.162	228	60728	4.319	ng		98
84) Bis(2-ethylhexyl)phtha...	21.056	149	44374	3.622	ng		99
85) Di-n-octyl phthalate	21.915	149	76252	3.891	ng		99
87) Indeno(1,2,3-cd)pyrene	25.385	276	52487	3.784	ng		97
88) Benzo(b)fluoranthene	22.633	252	58140	4.418	ng		99
89) Benzo(k)fluoranthene	22.680	252	54472	4.301	ng		98
90) Benzo(a)pyrene	23.174	252	53965	4.567	ng		99
91) Dibenzo(a,h)anthracene	25.397	278	44729	3.693	ng		98
92) Benzo(g,h,i)perylene	26.027	276	42732	3.791	ng		98

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

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