Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
Data File : BM031878.D
Acq On : 24 Aug 2021 09:52
Operator : CG/JU
Sample : M2262-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/25/2021 3:36:01 PM

Quant Time: Aug 24 10:37:26 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 10:28:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	28976	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	122095	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	79608	20.000	ng		0.00
64) Phenanthrene-d10	16.921	188	164521	20.000	ng		0.00
76) Chrysene-d12	21.127	240	128458	20.000	ng		0.00
86) Perylene-d12	23.274	264	118623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	213370	108.326	ng		0.00
7) Phenol-d6	6.722	99	260730	98.552	ng		0.00
23) Nitrobenzene-d5	8.675	82	186028	62.043	ng		-0.01
42) 2,4,6-Tribromophenol	15.668	330	83889	95.632	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	365974	59.150	ng		0.00
79) Terphenyl-d14	19.568	244	566566	66.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2553	3.991	ng	#	90
3) Pyridine	3.575	79	5447	2.825	ng	#	84
4) n-Nitrosodimethylamine	3.487	42	3354	3.986	ng	#	1
6) Aniline	6.875	93	10704	3.802	ng		99
8) 2-Chlorophenol	7.098	128	7319	3.465	ng		94
9) Benzaldehyde	6.693	77	8565	4.898	ng		90
10) Phenol	6.745	94	9022	3.413	ng		84
11) bis(2-Chloroethyl)ether	6.975	93	6965	3.483	ng		98
12) 1,3-Dichlorobenzene	7.410	146	7763	3.397	ng		94
13) 1,4-Dichlorobenzene	7.563	146	8438	3.636	ng		94
14) 1,2-Dichlorobenzene	7.863	146	7830	3.464	ng		96
15) Benzyl Alcohol	7.775	79	6479	2.980	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.045	45	11029	3.691	ng		94
17) 2-Methylphenol	7.975	107	5878	3.303	ng		95
18) Hexachloroethane	8.575	117	3638	3.681	ng		90
19) n-Nitroso-di-n-propyla...	8.334	70	5707	2.866	ng		95
20) 3+4-Methylphenols	8.298	107	7807	3.146	ng		92
22) Acetophenone	8.345	105	12689	3.564	ng	#	98
24) Nitrobenzene	8.716	77	10930	3.559	ng		97
25) Isophorone	9.239	82	16727	3.109	ng		98
26) 2-Nitrophenol	9.422	139	3294	2.842	ng		94
27) 2,4-Dimethylphenol	9.486	122	6108	3.423	ng		99
28) bis(2-Chloroethoxy)met...	9.728	93	9195	3.516	ng		96
29) 2,4-Dichlorophenol	9.957	162	6086	3.010	ng		92
30) 1,2,4-Trichlorobenzene	10.151	180	7259	3.381	ng		95
31) Naphthalene	10.333	128	23834	3.404	ng		97
32) Benzoic acid	9.581	122	2166	1.432	ng	#	86
33) 4-Chloroaniline	10.469	127	8977	3.229	ng		96
34) Hexachlorobutadiene	10.610	225	4194	3.126	ng		91
35) Caprolactam	11.263	113	1488m	2.326	ng		
36) 4-Chloro-3-methylphenol	11.598	107	7494	3.122	ng		91
37) 2-Methylnaphthalene	11.957	142	16797	3.328	ng		93
38) 1-Methylnaphthalene	12.175	142	15909	3.348	ng		88
40) 1,2,4,5-Tetrachloroben...	12.333	216	7784	3.402	ng		99
41) Hexachlorocyclopentadiene	12.298	237	2809	2.532	ng		96
43) 2,4,6-Trichlorophenol	12.586	196	4916	2.911	ng		89

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44) 2,4,5-Trichlorophenol	12.663	196	4889	2.714	ng		94
46) 1,1'-Biphenyl	12.986	154	22410	3.490	ng		98
47) 2-Chloronaphthalene	13.027	162	16511	3.311	ng		98
48) 2-Nitroaniline	13.257	65	3595	2.072	ng		92
49) Acenaphthylene	13.880	152	25857	3.196	ng		99
50) Dimethylphthalate	13.639	163	20921	3.235	ng	#	97
51) 2,6-Dinitrotoluene	13.763	165	3488	2.472	ng		90
52) Acenaphthene	14.227	154	15108	3.105	ng		94
53) 3-Nitroaniline	14.098	138	3465	2.509	ng	#	93
54) 2,4-Dinitrophenol	14.316	184	1130	1.434	ng	#	75
55) Dibenzofuran	14.568	168	25579	3.175	ng		98
56) 4-Nitrophenol	14.445	139	1901	1.671	ng	#	84
57) 2,4-Dinitrotoluene	14.557	165	4535	2.309	ng	#	86
58) Fluorene	15.221	166	19463	2.949	ng		93
59) 2,3,4,6-Tetrachlorophenol	14.804	232	4611	2.989	ng	#	97
60) Diethylphthalate	15.010	149	21782	3.093	ng		98
61) 4-Chlorophenyl-phenyle...	15.221	204	9599	3.035	ng		94
62) 4-Nitroaniline	15.274	138	2398	1.825	ng	#	82
63) Azobenzene	15.515	77	24327	2.997	ng		97
65) 4,6-Dinitro-2-methylph...	15.333	198	1820	1.588	ng		88
66) n-Nitrosodiphenylamine	15.445	169	16656	2.998	ng		99
67) 4-Bromophenyl-phenylether	16.121	248	5751	3.218	ng		95
68) Hexachlorobenzene	16.221	284	6170	3.263	ng		98
69) Atrazine	16.410	200	5112	2.753	ng		84
70) Pentachlorophenol	16.580	266	2665	2.155	ng		88
71) Phenanthrene	16.957	178	31158	3.145	ng		98
72) Anthracene	17.051	178	30252	3.103	ng		98
73) Carbazole	17.339	167	26387	2.814	ng		99
74) Di-n-butylphthalate	17.904	149	31203	2.498	ng	#	96
75) Fluoranthene	18.986	202	31029	2.817	ng		100
77) Benzidine	19.198	184	10517	3.202	ng		97
78) Pyrene	19.351	202	32066	3.115	ng		96
80) Butylbenzylphthalate	20.274	149	11794	2.324	ng	#	81
81) Benzo(a)anthracene	21.109	228	28419	3.018	ng		97
82) 3,3'-Dichlorobenzidine	21.056	252	8699	3.120	ng		98
83) Chrysene	21.162	228	27209	3.002	ng		95
84) Bis(2-ethylhexyl)phtha...	21.056	149	19054	2.413	ng	#	99
85) Di-n-octyl phthalate	21.915	149	34044	2.695	ng		96
87) Indeno(1,2,3-cd)pyrene	25.385	276	30667	3.330	ng		98
88) Benzo(b)fluoranthene	22.633	252	28422	3.253	ng		98
89) Benzo(k)fluoranthene	22.680	252	27213	3.236	ng		96
90) Benzo(a)pyrene	23.180	252	27280	3.478	ng	#	97
91) Dibenzo(a,h)anthracene	25.403	278	26585	3.307	ng	#	97
92) Benzo(g,h,i)perylene	26.038	276	25464	3.403	ng		94

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

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