Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
Data File : BM031879.D
Acq On : 24 Aug 2021 10:51
Operator : CG/JU
Sample : M2262-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 24 11:19:57 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	32914	20.000	ng		0.00
21) Naphthalene-d8	10.280	136	146621	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	99273	20.000	ng		0.00
64) Phenanthrene-d10	16.921	188	211639	20.000	ng		0.00
76) Chrysene-d12	21.127	240	194657	20.000	ng		0.00
86) Perylene-d12	23.274	264	181836	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	211611	94.579	ng		0.00
7) Phenol-d6	6.722	99	283800	94.438	ng		0.00
23) Nitrobenzene-d5	8.675	82	260611	72.379	ng		-0.01
42) 2,4,6-Tribromophenol	15.668	330	112892	103.202	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	575613	74.603	ng		0.00
79) Terphenyl-d14	19.568	244	966670	74.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	7050	9.703	ng	#	83
3) Pyridine	3.563	79	14959	6.830	ng	#	87
4) n-Nitrosodimethylamine	3.475	42	10783	11.281	ng	#	50
6) Aniline	6.869	93	27056	8.459	ng		97
8) 2-Chlorophenol	7.092	128	17747	7.398	ng		99
9) Benzaldehyde	6.692	77	18135	9.130	ng		94
10) Phenol	6.745	94	21768	7.251	ng		92
11) bis(2-Chloroethyl)ether	6.975	93	17029	7.498	ng		98
12) 1,3-Dichlorobenzene	7.410	146	20851	8.032	ng		98
13) 1,4-Dichlorobenzene	7.557	146	20272	7.689	ng		95
14) 1,2-Dichlorobenzene	7.863	146	19929	7.762	ng		98
15) Benzyl Alcohol	7.775	79	17434	7.059	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.057	45	25108	7.397	ng		93
17) 2-Methylphenol	7.975	107	15314	7.577	ng		95
18) Hexachloroethane	8.575	117	8250	7.349	ng		95
19) n-Nitroso-di-n-propyla...	8.328	70	14833	6.557	ng		96
20) 3+4-Methylphenols	8.298	107	20762	7.366	ng		95
22) Acetophenone	8.345	105	31547	7.379	ng	#	97
24) Nitrobenzene	8.716	77	27414	7.433	ng		98
25) Isophorone	9.239	82	42370	6.558	ng		97
26) 2-Nitrophenol	9.416	139	8841	6.352	ng		95
27) 2,4-Dimethylphenol	9.486	122	17301	8.075	ng		98
28) bis(2-Chloroethoxy)met...	9.722	93	23292	7.417	ng		96
29) 2,4-Dichlorophenol	9.951	162	16910	6.964	ng		92
30) 1,2,4-Trichlorobenzene	10.151	180	19977	7.749	ng		99
31) Naphthalene	10.333	128	61365	7.299	ng		99
32) Benzoic acid	9.586	122	8472	4.665	ng		98
33) 4-Chloroaniline	10.463	127	24758	7.416	ng		97
34) Hexachlorobutadiene	10.604	225	12417	7.706	ng		98
35) Caprolactam	11.257	113	5496	7.153	ng	#	78
36) 4-Chloro-3-methylphenol	11.592	107	20137	6.985	ng		96
37) 2-Methylnaphthalene	11.951	142	43851	7.235	ng		99
38) 1-Methylnaphthalene	12.174	142	40650	7.124	ng		96
40) 1,2,4,5-Tetrachloroben...	12.327	216	21704	7.607	ng		97
41) Hexachlorocyclopentadiene	12.298	237	9765	7.057	ng		97
43) 2,4,6-Trichlorophenol	12.586	196	14170	6.728	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	15572	6.931	ng		94
46) 1,1'-Biphenyl	12.986	154	59127	7.384	ng		99
47) 2-Chloronaphthalene	13.027	162	43995	7.075	ng		98
48) 2-Nitroaniline	13.257	65	12182	5.630	ng		96
49) Acenaphthylene	13.880	152	71244	7.063	ng		100
50) Dimethylphthalate	13.633	163	58844	7.297	ng		98
51) 2,6-Dinitrotoluene	13.763	165	11796	6.705	ng		92
52) Acenaphthene	14.227	154	41944	6.912	ng		99
53) 3-Nitroaniline	14.092	138	11329	6.578	ng	#	90
54) 2,4-Dinitrophenol	14.310	184	4995	5.084	ng	#	74
55) Dibenzofuran	14.568	168	69860	6.953	ng		97
56) 4-Nitrophenol	14.427	139	9102	6.417	ng		94
57) 2,4-Dinitrotoluene	14.557	165	15109	6.169	ng	#	97
58) Fluorene	15.221	166	56908	6.914	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	13356	6.943	ng		96
60) Diethylphthalate	15.010	149	64779	7.377	ng		100
61) 4-Chlorophenyl-phenyle...	15.221	204	28216	7.154	ng		98
62) 4-Nitroaniline	15.268	138	9874	6.027	ng		94
63) Azobenzene	15.515	77	68383	6.755	ng		98
65) 4,6-Dinitro-2-methylph...	15.327	198	7227	4.903	ng		97
66) n-Nitrosodiphenylamine	15.445	169	48739	6.820	ng		99
67) 4-Bromophenyl-phenylether	16.115	248	15897	6.916	ng		92
68) Hexachlorobenzene	16.221	284	17745	7.295	ng		93
69) Atrazine	16.409	200	17997	7.534	ng		96
70) Pentachlorophenol	16.580	266	10278	6.460	ng		93
71) Phenanthrene	16.962	178	88960	6.979	ng		99
72) Anthracene	17.051	178	90970	7.255	ng		99
73) Carbazole	17.333	167	82425	6.834	ng		99
74) Di-n-butylphthalate	17.903	149	106157	6.607	ng		99
75) Fluoranthene	18.986	202	100940	7.124	ng		99
77) Benzidine	19.192	184	47971	9.637	ng		98
78) Pyrene	19.350	202	106040	6.799	ng		98
80) Butylbenzylphthalate	20.274	149	47736	6.208	ng		99
81) Benzo(a)anthracene	21.109	228	97691	6.845	ng		99
82) 3,3'-Dichlorobenzidine	21.056	252	33416	7.910	ng		98
83) Chrysene	21.162	228	94315	6.867	ng		97
84) Bis(2-ethylhexyl)phtha...	21.056	149	74438	6.221	ng		98
85) Di-n-octyl phthalate	21.915	149	121941	6.370	ng		100
87) Indeno(1,2,3-cd)pyrene	25.385	276	82867	5.870	ng		98
88) Benzo(b)fluoranthene	22.633	252	90792	6.779	ng		97
89) Benzo(k)fluoranthene	22.674	252	84633	6.566	ng		98
90) Benzo(a)pyrene	23.174	252	84509	7.028	ng		98
91) Dibenzo(a,h)anthracene	25.397	278	71990	5.841	ng		99
92) Benzo(g,h,i)perylene	26.032	276	66936	5.835	ng		97

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

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