Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031902.D
Acq On : 25 Aug 2021 23:45
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL-8ppm
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-03-QT2-2021

Quant Time: Aug 26 03:33:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 03:29:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	29570	20.000	ng		0.00
21) Naphthalene-d8	10.280	136	127051	20.000	ng	#	0.00
39) Acenaphthene-d10	14.157	164	91641	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	216388	20.000	ng		0.00
76) Chrysene-d12	21.115	240	243571	20.000	ng		0.00
86) Perylene-d12	23.256	264	266242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	180884	101.130	ng		0.00
7) Phenol-d6	6.722	99	242632	95.874	ng		0.00
23) Nitrobenzene-d5	8.675	82	237344	80.917	ng		0.00
42) 2,4,6-Tribromophenol	15.662	330	118880	109.744	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	539264	77.636	ng		0.00
79) Terphenyl-d14	19.562	244	1146211	67.929	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	5656	7.756	ng	#	85
3) Pyridine	3.563	79	12607	6.925	ng	#	66
4) n-Nitrosodimethylamine	3.481	42	11019	8.910	ng	#	39
6) Aniline	6.869	93	23002	8.556	ng		98
8) 2-Chlorophenol	7.092	128	15691	7.535	ng		96
9) Benzaldehyde	6.687	77	15629	9.311	ng		94
10) Phenol	6.745	94	18357	7.335	ng		86
11) bis(2-Chloroethyl)ether	6.969	93	14068	7.706	ng		99
12) 1,3-Dichlorobenzene	7.410	146	17855	7.763	ng		93
13) 1,4-Dichlorobenzene	7.557	146	18527	7.862	ng		95
14) 1,2-Dichlorobenzene	7.863	146	16959	7.391	ng		98
15) Benzyl Alcohol	7.769	79	16203	7.505	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.045	45	18744	7.653	ng		97
17) 2-Methylphenol	7.969	107	12716	7.122	ng		95
18) Hexachloroethane	8.569	117	7371	7.551	ng		89
19) n-Nitroso-di-n-propyla...	8.328	70	13846	7.101	ng		97
20) 3+4-Methylphenols	8.298	107	17335	7.057	ng		95
22) Acetophenone	8.339	105	27622	7.998	ng	#	97
24) Nitrobenzene	8.716	77	23572	7.937	ng		98
25) Isophorone	9.233	82	34876	6.885	ng		96
26) 2-Nitrophenol	9.416	139	8223	6.916	ng	#	90
27) 2,4-Dimethylphenol	9.481	122	13225	7.391	ng		88
28) bis(2-Chloroethoxy)met...	9.722	93	18965	7.665	ng		99
29) 2,4-Dichlorophenol	9.945	162	15100	7.186	ng		97
30) 1,2,4-Trichlorobenzene	10.145	180	17678	7.668	ng		97
31) Naphthalene	10.328	128	53020	7.468	ng		99
32) Benzoic acid	9.592	122	7632	5.006	ng		95
33) 4-Chloroaniline	10.457	127	21553	7.593	ng		94
34) Hexachlorobutadiene	10.604	225	12172	7.982	ng		94
35) Caprolactam	11.251	113	4700	7.339	ng		93
36) 4-Chloro-3-methylphenol	11.586	107	17607	7.065	ng		96
37) 2-Methylnaphthalene	11.951	142	38762	7.333	ng		97
38) 1-Methylnaphthalene	12.169	142	35747	7.149	ng		97
40) 1,2,4,5-Tetrachloroben...	12.322	216	20793	7.745	ng		99
41) Hexachlorocyclopentadiene	12.292	237	8606	6.574	ng		95
43) 2,4,6-Trichlorophenol	12.580	196	13387	6.944	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	14441	6.932	ng		99
46) 1,1'-Biphenyl	12.986	154	52754	7.438	ng		98
47) 2-Chloronaphthalene	13.021	162	39806	7.129	ng		98
48) 2-Nitroaniline	13.251	65	13839	7.122	ng		99
49) Acenaphthylene	13.874	152	64113	7.137	ng		99
50) Dimethylphthalate	13.633	163	53662	7.387	ng		100
51) 2,6-Dinitrotoluene	13.757	165	11166	6.979	ng		96
52) Acenaphthene	14.221	154	39814	7.280	ng		96
53) 3-Nitroaniline	14.086	138	11065	7.110	ng		95
54) 2,4-Dinitrophenol	14.310	184	5273	5.820	ng	#	80
55) Dibenzofuran	14.563	168	65280	7.088	ng		99
56) 4-Nitrophenol	14.416	139	8348	6.790	ng	#	89
57) 2,4-Dinitrotoluene	14.551	165	15886	6.972	ng		93
58) Fluorene	15.215	166	53710	7.112	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.798	232	13095	7.200	ng		94
60) Diethylphthalate	15.010	149	59210	7.468	ng		98
61) 4-Chlorophenyl-phenyle...	15.215	204	27923	7.449	ng		98
62) 4-Nitroaniline	15.262	138	11127	7.404	ng	#	85
63) Azobenzene	15.510	77	66226	7.575	ng		95
65) 4,6-Dinitro-2-methylph...	15.321	198	8359	5.608	ng		95
66) n-Nitrosodiphenylamine	15.439	169	46868	6.499	ng		99
67) 4-Bromophenyl-phenylether	16.115	248	16154	6.684	ng		96
68) Hexachlorobenzene	16.215	284	17816	6.974	ng		96
69) Atrazine	16.404	200	18166	7.472	ng		94
70) Pentachlorophenol	16.568	266	10533	6.565	ng		95
71) Phenanthrene	16.956	178	91709	7.198	ng		97
72) Anthracene	17.045	178	90970	7.300	ng		99
73) Carbazole	17.327	167	86142	7.320	ng		99
74) Di-n-butylphthalate	17.898	149	107775	7.295	ng		99
75) Fluoranthene	18.980	202	107826	7.750	ng		98
77) Benzidine	19.186	184	54810	8.602	ng		97
78) Pyrene	19.345	202	114751	5.633	ng		98
80) Butylbenzylphthalate	20.268	149	52067	5.943	ng		95
81) Benzo(a)anthracene	21.103	228	121233	6.920	ng		99
82) 3,3'-Dichlorobenzidine	21.044	252	44500	8.833	ng		99
83) Chrysene	21.150	228	117911	6.981	ng		97
84) Bis(2-ethylhexyl)phtha...	21.050	149	80497	6.386	ng		98
85) Di-n-octyl phthalate	21.903	149	142954	7.526	ng		98
87) Indeno(1,2,3-cd)pyrene	25.362	276	128092	6.953	ng		97
88) Benzo(b)fluoranthene	22.621	252	129587	6.429	ng		99
89) Benzo(k)fluoranthene	22.662	252	117176	6.132	ng		99
90) Benzo(a)pyrene	23.162	252	121843	6.979	ng		99
91) Dibenzo(a,h)anthracene	25.374	278	109953	6.891	ng		99
92) Benzo(g,h,i)perylene	26.009	276	106467	7.057	ng		99

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

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