Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006492.D
Acq On : 04 Aug 2021 13:16
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 04 14:29:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	179568	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	777465	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	471889	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	950518	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	958183	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	974953	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1233781	105.532	ng		0.00
7) Phenol-d6	6.934	99	1723466	103.777	ng		0.00
23) Nitrobenzene-d5	8.910	82	1171255	69.536	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	522790	106.005	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2114185	67.030	ng		0.00
79) Terphenyl-d14	19.715	244	3125935	65.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	42857	8.420	ng		90
3) Pyridine	3.704	79	113814	7.608	ng		97
4) n-Nitrosodimethylamine	3.616	42	48078	8.515	ng	#	85
6) Aniline	7.093	93	172401	9.557	ng		94
8) 2-Chlorophenol	7.322	128	104460	8.258	ng		89
9) Benzaldehyde	6.910	77	115585	11.564	ng		90
10) Phenol	6.957	94	137581	8.262	ng		95
11) bis(2-Chloroethyl)ether	7.193	93	109891	8.691	ng		89
12) 1,3-Dichlorobenzene	7.645	146	110946	8.415	ng		96
13) 1,4-Dichlorobenzene	7.793	146	114932	8.590	ng		97
14) 1,2-Dichlorobenzene	8.104	146	108964	8.487	ng		96
15) Benzyl Alcohol	7.998	79	103482	8.309	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.293	45	134837	8.961	ng		95
17) 2-Methylphenol	8.198	107	87786	8.348	ng		97
18) Hexachloroethane	8.822	117	46608	8.801	ng	#	84
19) n-Nitroso-di-n-propyla...	8.563	70	96545	8.665	ng	#	96
20) 3+4-Methylphenols	8.528	107	119047	8.318	ng		98
22) Acetophenone	8.581	105	180871	8.773	ng		97
24) Nitrobenzene	8.957	77	146553	8.370	ng		91
25) Isophorone	9.481	82	237947	7.865	ng		95
26) 2-Nitrophenol	9.663	139	45431	7.130	ng		91
27) 2,4-Dimethylphenol	9.722	122	96960	9.087	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	149217	9.218	ng		98
29) 2,4-Dichlorophenol	10.187	162	80819	7.481	ng		93
30) 1,2,4-Trichlorobenzene	10.404	180	95299	8.209	ng		98
31) Naphthalene	10.586	128	346454	8.293	ng		99
32) Benzoic acid	9.787	122	36523	4.425	ng		98
33) 4-Chloroaniline	10.710	127	143984	8.517	ng		95
34) Hexachlorobutadiene	10.875	225	52418	7.749	ng		99
35) Caprolactam	11.481	113	30373	7.797	ng	#	60
36) 4-Chloro-3-methylphenol	11.828	107	107543	7.835	ng		87
37) 2-Methylnaphthalene	12.204	142	238269	8.417	ng		97
38) 1-Methylnaphthalene	12.422	142	219737	8.168	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	101284	8.201	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	65141	9.944	ng		94
43) 2,4,6-Trichlorophenol	12.816	196	59087	7.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	68979	7.389	ng	#	87
46) 1,1'-Biphenyl	13.222	154	305134	8.543	ng		97
47) 2-Chloronaphthalene	13.257	162	223503	8.126	ng		95
48) 2-Nitroaniline	13.469	65	71365	7.352	ng	#	82
49) Acenaphthylene	14.104	152	358459	8.082	ng		99
50) Dimethylphthalate	13.851	163	282931	8.237	ng		99
51) 2,6-Dinitrotoluene	13.969	165	55878	7.290	ng	#	73
52) Acenaphthene	14.451	154	215978	8.001	ng		95
53) 3-Nitroaniline	14.298	138	63130	7.429	ng	#	82
54) 2,4-Dinitrophenol	14.504	184	21501	5.364	ng	#	77
55) Dibenzofuran	14.786	168	345827	8.145	ng		95
56) 4-Nitrophenol	14.598	139	50903	6.899	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	72321	7.036	ng	#	80
58) Fluorene	15.439	166	277132	8.166	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.010	232	57125	7.302	ng	#	69
60) Diethylphthalate	15.222	149	294891	8.174	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	127180	8.276	ng		92
62) 4-Nitroaniline	15.457	138	64434	7.146	ng		92
63) Azobenzene	15.733	77	327410	7.784	ng		93
65) 4,6-Dinitro-2-methylph...	15.516	198	30678	5.282	ng		73
66) n-Nitrosodiphenylamine	15.651	169	237866	7.962	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	70746	7.757	ng	#	83
68) Hexachlorobenzene	16.439	284	84399	8.132	ng	#	87
69) Atrazine	16.610	200	75868	8.138	ng		97
70) Pentachlorophenol	16.786	266	45593	6.924	ng		99
71) Phenanthrene	17.180	178	441714	8.239	ng		100
72) Anthracene	17.269	178	429983	8.300	ng		99
73) Carbazole	17.545	167	406728	7.697	ng		97
74) Di-n-butylphthalate	18.116	149	444421	7.382	ng		99
75) Fluoranthene	19.157	202	478592	7.953	ng		95
77) Benzidine	19.345	184	239895	10.005	ng		99
78) Pyrene	19.510	202	508215	7.941	ng		99
80) Butylbenzylphthalate	20.398	149	189881	6.747	ng	#	82
81) Benzo(a)anthracene	21.221	228	486707	7.772	ng		99
82) 3,3'-Dichlorobenzidine	21.162	252	162626	9.892	ng	#	95
83) Chrysene	21.274	228	489861	8.069	ng		100
84) Bis(2-ethylhexyl)phtha...	21.162	149	293397	6.937	ng	#	95
85) Di-n-octyl phthalate	22.068	149	458384	6.576	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.968	276	554218	7.840	ng	#	88
88) Benzo(b)fluoranthene	22.856	252	506895	8.000	ng	#	96
89) Benzo(k)fluoranthene	22.903	252	480173	7.893	ng	#	96
90) Benzo(a)pyrene	23.456	252	461779	8.125	ng	#	95
91) Dibenzo(a,h)anthracene	25.986	278	481441	7.877	ng	#	92
92) Benzo(g,h,i)perylene	26.697	276	466350	7.962	ng	#	89

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

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