Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006493.D
Acq On : 04 Aug 2021 13:50
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 04 14:29:55 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	168008	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	718558	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	425716	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	852438	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	846567	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	848918	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1125517	102.896	ng		0.00
7) Phenol-d6	6.934	99	1601497	103.068	ng		0.00
23) Nitrobenzene-d5	8.910	82	1030435	66.191	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	463882	104.262	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1834734	64.480	ng		0.00
79) Terphenyl-d14	19.716	244	3068245	72.624	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	19493	4.093	ng		91
3) Pyridine	3.711	79	46760	3.341	ng	#	90
4) n-Nitrosodimethylamine	3.617	42	20161	3.816	ng	#	90
6) Aniline	7.093	93	71006	4.207	ng		96
8) 2-Chlorophenol	7.322	128	43317	3.660	ng		85
9) Benzaldehyde	6.905	77	50375	5.387	ng		90
10) Phenol	6.958	94	57172	3.669	ng		97
11) bis(2-Chloroethyl)ether	7.193	93	47024	3.975	ng		90
12) 1,3-Dichlorobenzene	7.646	146	46133	3.740	ng		97
13) 1,4-Dichlorobenzene	7.793	146	48482	3.873	ng		96
14) 1,2-Dichlorobenzene	8.105	146	46172	3.844	ng	#	91
15) Benzyl Alcohol	7.999	79	42534	3.650	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.293	45	57483	4.083	ng		94
17) 2-Methylphenol	8.199	107	34768	3.534	ng		97
18) Hexachloroethane	8.828	117	19931	4.022	ng		86
19) n-Nitroso-di-n-propyla...	8.563	70	39324	3.772	ng	#	95
20) 3+4-Methylphenols	8.522	107	45687	3.412	ng		92
22) Acetophenone	8.581	105	73456	3.855	ng		97
24) Nitrobenzene	8.952	77	61626	3.808	ng		89
25) Isophorone	9.481	82	90895	3.251	ng		95
26) 2-Nitrophenol	9.663	139	17391	2.953	ng		91
27) 2,4-Dimethylphenol	9.722	122	37229	3.775	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	61208	4.091	ng		95
29) 2,4-Dichlorophenol	10.187	162	30974	3.102	ng		90
30) 1,2,4-Trichlorobenzene	10.404	180	39735	3.704	ng		94
31) Naphthalene	10.587	128	145575	3.770	ng		99
33) 4-Chloroaniline	10.704	127	57157	3.658	ng		93
34) Hexachlorobutadiene	10.875	225	23028	3.683	ng		99
35) Caprolactam	11.487	113	10960	3.044	ng	#	81
36) 4-Chloro-3-methylphenol	11.828	107	38094	3.003	ng		91
37) 2-Methylnaphthalene	12.204	142	97495	3.726	ng		95
38) 1-Methylnaphthalene	12.422	142	88974	3.578	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	43014	3.860	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	25390	4.296	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	21296	2.799	ng		96
44) 2,4,5-Trichlorophenol	12.881	196	23759	2.821	ng	#	82

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.222	154	126716	3.933	ng		97
47) 2-Chloronaphthalene	13.257	162	91163	3.674	ng		94
48) 2-Nitroaniline	13.469	65	25565	2.919	ng	#	79
49) Acenaphthylene	14.104	152	138787	3.469	ng		99
50) Dimethylphthalate	13.851	163	112567	3.633	ng		98
51) 2,6-Dinitrotoluene	13.969	165	19759	2.857	ng	#	62
52) Acenaphthene	14.451	154	87962	3.612	ng		97
53) 3-Nitroaniline	14.298	138	22399	2.922	ng	#	81
55) Dibenzofuran	14.787	168	140132	3.659	ng		95
56) 4-Nitrophenol	14.604	139	17019	2.557	ng		89
57) 2,4-Dinitrotoluene	14.751	165	24235	2.613	ng	#	67
58) Fluorene	15.434	166	109259	3.569	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.010	232	21590	3.059	ng	#	72
60) Diethylphthalate	15.222	149	114899	3.530	ng		94
61) 4-Chlorophenyl-phenyle...	15.439	204	51327	3.702	ng	#	89
62) 4-Nitroaniline	15.457	138	22026	2.708	ng		94
63) Azobenzene	15.728	77	119135	3.139	ng		91
66) n-Nitrosodiphenylamine	15.651	169	88909	3.318	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	28526	3.488	ng	#	88
68) Hexachlorobenzene	16.433	284	34299	3.685	ng	#	82
69) Atrazine	16.610	200	28857	3.451	ng		97
70) Pentachlorophenol	16.786	266	15619	2.645	ng		91
71) Phenanthrene	17.180	178	178185	3.706	ng		99
72) Anthracene	17.269	178	163846	3.527	ng		99
73) Carbazole	17.545	167	152443	3.217	ng		97
74) Di-n-butylphthalate	18.116	149	157035	2.908	ng		98
75) Fluoranthene	19.157	202	184435	3.417	ng		93
77) Benzidine	19.345	184	79392	3.748	ng		100
78) Pyrene	19.504	202	195399	3.456	ng		99
80) Butylbenzylphthalate	20.398	149	65164	2.621	ng		87
81) Benzo(a)anthracene	21.216	228	190040	3.435	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	57678	3.971	ng	#	98
83) Chrysene	21.269	228	195469	3.644	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	94735	2.535	ng	#	93
85) Di-n-octyl phthalate	22.068	149	146185	2.374	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.962	276	210265	3.416	ng	#	87
88) Benzo(b)fluoranthene	22.851	252	189059	3.427	ng	#	95
89) Benzo(k)fluoranthene	22.898	252	188338	3.555	ng	#	95
90) Benzo(a)pyrene	23.457	252	167186	3.378	ng	#	92
91) Dibenzo(a,h)anthracene	25.980	278	183583	3.449	ng	#	95
92) Benzo(g,h,i)perylene	26.692	276	176225	3.455	ng	#	91

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

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