Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029244.D
Acq On : 29 Mar 2021 12:29
Operator : CG/JU
Sample : M1458-03
Misc : MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:28 PM

Quant Time: Mar 29 13:00:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 12:59:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	106821	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	420798	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	251411	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	535186	20.00	ng		0.00
76) Chrysene-d12	21.280	240	574289	20.00	ng		# 0.00
86) Perylene-d12	23.515	264	597808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	567166	91.52	ng		0.00
7) Phenol-d6	6.922	99	829667	93.30	ng		0.00
23) Nitrobenzene-d5	8.904	82	585998	67.61	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	221458	95.12	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	1178822	66.51	ng		0.00
79) Terphenyl-d14	19.739	244	1970090	68.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	11825	4.20	ng		98
3) Pyridine	3.710	79	26556	3.91	ng	#	87
4) n-Nitrosodimethylamine	3.634	42	12057m	3.96	ng		
6) Aniline	7.087	93	45929	4.77	ng		98
8) 2-Chlorophenol	7.316	128	29818	4.26	ng		98
9) Benzaldehyde	6.904	77	30275	5.42	ng		94
10) Phenol	6.946	94	39025	4.44	ng		94
11) bis(2-Chloroethyl)ether	7.187	93	28487	4.53	ng		94
12) 1,3-Dichlorobenzene	7.645	146	33767	4.32	ng		98
13) 1,4-Dichlorobenzene	7.793	146	33995	4.29	ng		97
14) 1,2-Dichlorobenzene	8.104	146	32597	4.28	ng		95
15) Benzyl Alcohol	7.993	79	26217	4.08	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.275	45	45856	4.76	ng		98
17) 2-Methylphenol	8.187	107	22214	3.93	ng		95
18) Hexachloroethane	8.828	117	12481	4.33	ng		92
19) n-Nitroso-di-n-propyla...	8.557	70	23064	4.02	ng	#	94
20) 3+4-Methylphenols	8.510	107	30127	3.99	ng		96
22) Acetophenone	8.569	105	44667	4.24	ng		97
24) Nitrobenzene	8.945	77	41094	4.54	ng		97
25) Isophorone	9.469	82	53698	3.61	ng		99
26) 2-Nitrophenol	9.651	139	9647	3.20	ng		92
27) 2,4-Dimethylphenol	9.710	122	24246	4.19	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	34923	4.44	ng		98
29) 2,4-Dichlorophenol	10.181	162	21131	3.36	ng		97
30) 1,2,4-Trichlorobenzene	10.398	180	28919	4.05	ng		97
31) Naphthalene	10.586	128	91189	4.11	ng		99
32) Benzoic acid	9.757	122	3944	1.17	ng		94
33) 4-Chloroaniline	10.692	127	34837	3.97	ng		95
34) Hexachlorobutadiene	10.875	225	15621	3.77	ng		97
35) Caprolactam	11.457	113	4953	2.59	ng		90
36) 4-Chloro-3-methylphenol	11.810	107	23552	3.51	ng		94
37) 2-Methylnaphthalene	12.198	142	61735	3.98	ng		96
38) 1-Methylnaphthalene	12.416	142	57778	3.92	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	28072	3.98	ng		97
41) Hexachlorocyclopentadiene	12.545	237	13403	3.47	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	14535	3.17	ng		97

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44) 2,4,5-Trichlorophenol	12.869	196	17098	3.35	ng		96
46) 1,1'-Biphenyl	13.210	154	82043	4.29	ng		99
47) 2-Chloronaphthalene	13.251	162	62808	4.17	ng		98
48) 2-Nitroaniline	13.451	65	14651	3.32	ng		90
49) Acenaphthylene	14.098	152	86456	3.78	ng		98
50) Dimethylphthalate	13.833	163	73500	4.18	ng		97
51) 2,6-Dinitrotoluene	13.951	165	13120	3.45	ng		86
52) Acenaphthene	14.439	154	60418	4.15	ng		100
53) 3-Nitroaniline	14.280	138	12773	3.32	ng		93
54) 2,4-Dinitrophenol	14.480	184	4089	2.15	ng		88
55) Dibenzofuran	14.774	168	95089	4.15	ng		99
56) 4-Nitrophenol	14.580	139	9488	2.70	ng		90
57) 2,4-Dinitrotoluene	14.733	165	15185	3.04	ng	#	79
58) Fluorene	15.421	166	75755	4.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	14280	3.42	ng		95
60) Diethylphthalate	15.204	149	72421	4.18	ng		98
61) 4-Chlorophenyl-phenyle...	15.421	204	35041	4.09	ng		96
62) 4-Nitroaniline	15.433	138	11885	2.93	ng		92
63) Azobenzene	15.716	77	77704	3.93	ng		97
65) 4,6-Dinitro-2-methylph...	15.498	198	6693	2.24	ng		97
66) n-Nitrosodiphenylamine	15.633	169	63782	3.72	ng		98
67) 4-Bromophenyl-phenylether	16.316	248	17717	3.61	ng		98
68) Hexachlorobenzene	16.427	284	22913	3.97	ng		97
69) Atrazine	16.580	200	17368	3.21	ng		97
70) Pentachlorophenol	16.763	266	9771	2.75	ng		93
71) Phenanthrene	17.157	178	127314	4.10	ng		99
72) Anthracene	17.245	178	114507	3.80	ng		99
73) Carbazole	17.515	167	104682	3.53	ng		98
74) Di-n-butylphthalate	18.086	149	100386	3.51	ng		98
75) Fluoranthene	19.168	202	130859	3.82	ng		98
77) Benzidine	19.356	184	32248	1.94	ng		98
78) Pyrene	19.527	202	141897	3.65	ng		99
80) Butylbenzylphthalate	20.433	149	39217	2.99	ng		90
81) Benzo(a)anthracene	21.268	228	140215	3.74	ng		98
82) 3,3'-Dichlorobenzidine	21.203	252	39922	3.56	ng		95
83) Chrysene	21.321	228	145238	3.87	ng		97
84) Bis(2-ethylhexyl)phtha...	21.209	149	61899	3.28	ng		98
85) Di-n-octyl phthalate	22.086	149	95356	3.12	ng		97
87) Indeno(1,2,3-cd)pyrene	25.774	276	182008	4.16	ng		99
88) Benzo(b)fluoranthene	22.845	252	152880	3.93	ng		98
89) Benzo(k)fluoranthene	22.886	252	142888	3.78	ng		99
90) Benzo(a)pyrene	23.415	252	133152	3.78	ng	#	95
91) Dibenzo(a,h)anthracene	25.785	278	149656	4.00	ng		99
92) Benzo(g,h,i)perylene	26.456	276	147406	4.02	ng		100

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

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