Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029229.D
Acq On : 26 Mar 2021 12:02
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT1-2021

Quant Time: Mar 26 12:34:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	84003	20.00	ng		0.00
21) Naphthalene-d8	10.533	136	321225	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	186928	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	378053	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	388495	20.00	ng		-0.01
86) Perylene-d12	23.521	264	406743	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	379778	77.93	ng		0.00
7) Phenol-d6	6.922	99	532442	76.14	ng		0.00
23) Nitrobenzene-d5	8.904	82	426740	64.50	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	126785	73.24	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	849952	64.50	ng		0.00
79) Terphenyl-d14	19.739	244	1199187	62.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	17512	7.91	ng		97
3) Pyridine	3.704	79	38264	7.17	ng	#	87
4) n-Nitrosodimethylamine	3.622	42	16978	7.09	ng	#	94
6) Aniline	7.087	93	68184	9.00	ng		99
8) 2-Chlorophenol	7.322	128	43349	7.88	ng		96
9) Benzaldehyde	6.904	77	42288	9.63	ng		100
10) Phenol	6.945	94	55613	8.05	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	40515	8.19	ng		95
12) 1,3-Dichlorobenzene	7.645	146	50482	8.21	ng		99
13) 1,4-Dichlorobenzene	7.792	146	50603	8.11	ng		98
14) 1,2-Dichlorobenzene	8.104	146	49598	8.27	ng		99
15) Benzyl Alcohol	7.992	79	38481	7.61	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.281	45	65034	8.58	ng		99
17) 2-Methylphenol	8.186	107	34302	7.73	ng		97
18) Hexachloroethane	8.834	117	17710	7.81	ng		94
19) n-Nitroso-di-n-propyla...	8.557	70	33610	7.45	ng	#	97
20) 3+4-Methylphenols	8.516	107	45059	7.58	ng		98
22) Acetophenone	8.575	105	64108	7.97	ng	#	98
24) Nitrobenzene	8.945	77	56564	8.19	ng		96
25) Isophorone	9.469	82	79445	6.99	ng		99
26) 2-Nitrophenol	9.657	139	14995	6.51	ng		87
27) 2,4-Dimethylphenol	9.716	122	34010	7.70	ng		97
28) bis(2-Chloroethoxy)met...	9.957	93	52141	8.68	ng		99
29) 2,4-Dichlorophenol	10.180	162	32978	6.87	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	42616	7.82	ng		98
31) Naphthalene	10.586	128	134813	7.96	ng		100
32) Benzoic acid	9.769	122	9679	3.77	ng	#	84
33) 4-Chloroaniline	10.692	127	53741	8.03	ng		99
34) Hexachlorobutadiene	10.880	225	23429	7.40	ng		95
35) Caprolactam	11.451	113	7708	5.29	ng		93
36) 4-Chloro-3-methylphenol	11.810	107	35014	6.83	ng		95
37) 2-Methylnaphthalene	12.198	142	90825	7.67	ng		99
38) 1-Methylnaphthalene	12.422	142	85799	7.62	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	41716	7.96	ng		99
41) Hexachlorocyclopentadiene	12.551	237	25144	8.75	ng		95
43) 2,4,6-Trichlorophenol	12.810	196	22400	6.57	ng		97

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44) 2,4,5-Trichlorophenol	12.874	196	26358	6.95	ng		95
46) 1,1'-Biphenyl	13.216	154	116579	8.20	ng		99
47) 2-Chloronaphthalene	13.257	162	90628	8.10	ng		99
48) 2-Nitroaniline	13.451	65	21947	6.69	ng		87
49) Acenaphthylene	14.098	152	130164	7.65	ng		98
50) Dimethylphthalate	13.839	163	102833	7.87	ng		99
51) 2,6-Dinitrotoluene	13.951	165	19407	6.87	ng	#	82
52) Acenaphthene	14.445	154	89359	8.26	ng		99
53) 3-Nitroaniline	14.280	138	19218	6.72	ng	#	92
54) 2,4-Dinitrophenol	14.486	184	6562	4.65	ng		97
55) Dibenzofuran	14.780	168	133931	7.87	ng		99
56) 4-Nitrophenol	14.580	139	15655	5.99	ng		95
57) 2,4-Dinitrotoluene	14.739	165	23627	6.36	ng	#	97
58) Fluorene	15.427	166	106039	7.69	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	21371	6.88	ng		98
60) Diethylphthalate	15.204	149	99390	7.72	ng		98
61) 4-Chlorophenyl-phenyle...	15.427	204	50261	7.90	ng		98
62) 4-Nitroaniline	15.439	138	19282	6.40	ng		97
63) Azobenzene	15.715	77	110266	7.50	ng		97
65) 4,6-Dinitro-2-methylph...	15.498	198	10563	5.01	ng		98
66) n-Nitrosodiphenylamine	15.639	169	90386	7.47	ng		99
67) 4-Bromophenyl-phenylether	16.315	248	24558	7.09	ng		96
68) Hexachlorobenzene	16.427	284	31272	7.67	ng		92
69) Atrazine	16.586	200	23246	6.08	ng		96
70) Pentachlorophenol	16.768	266	13740	5.47	ng		87
71) Phenanthrene	17.156	178	170763	7.79	ng		99
72) Anthracene	17.251	178	163853	7.69	ng		99
73) Carbazole	17.515	167	145778	6.96	ng		98
74) Di-n-butylphthalate	18.092	149	130689	6.46	ng		98
75) Fluoranthene	19.168	202	176187	7.27	ng		99
77) Benzidine	19.356	184	64576	5.75	ng		98
78) Pyrene	19.533	202	191066	7.26	ng		99
80) Butylbenzylphthalate	20.439	149	51748	5.82	ng		98
81) Benzo(a)anthracene	21.274	228	185150	7.30	ng		98
82) 3,3'-Dichlorobenzidine	21.209	252	55020	7.26	ng		95
83) Chrysene	21.321	228	185420	7.31	ng		100
84) Bis(2-ethylhexyl)phtha...	21.215	149	76978	6.03	ng		99
85) Di-n-octyl phthalate	22.091	149	117771	5.69	ng		98
87) Indeno(1,2,3-cd)pyrene	25.779	276	232053	7.80	ng		99
88) Benzo(b)fluoranthene	22.850	252	190521	7.20	ng		99
89) Benzo(k)fluoranthene	22.891	252	200707	7.81	ng		97
90) Benzo(a)pyrene	23.421	252	170276	7.10	ng		99
91) Dibenzo(a,h)anthracene	25.791	278	190356	7.47	ng		96
92) Benzo(g,h,i)perylene	26.468	276	196204	7.86	ng		99

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

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