Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029231.D
Acq On : 26 Mar 2021 13:16
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT1-2021

Quant Time: Mar 26 13:47:13 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	93235	20.00	ng		0.00
21) Naphthalene-d8	10.539	136	377862	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	223613	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	462158	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	484664	20.00	ng		-0.01
86) Perylene-d12	23.521	264	505585	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	452091	83.58	ng		0.00
7) Phenol-d6	6.922	99	625645	80.61	ng		0.00
23) Nitrobenzene-d5	8.904	82	469403	60.31	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	162450	78.45	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	951526	60.36	ng		0.00
79) Terphenyl-d14	19.739	244	1333313	55.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	22371	9.10	ng		95
3) Pyridine	3.704	79	56297	9.50	ng		95
4) n-Nitrosodimethylamine	3.616	42	21570	8.11	ng	#	90
6) Aniline	7.087	93	88073	10.47	ng		98
8) 2-Chlorophenol	7.322	128	55245	9.05	ng		98
9) Benzaldehyde	6.904	77	52458	10.76	ng		99
10) Phenol	6.945	94	71281	9.30	ng		96
11) bis(2-Chloroethyl)ether	7.186	93	51320	9.35	ng		96
12) 1,3-Dichlorobenzene	7.645	146	63146	9.25	ng		95
13) 1,4-Dichlorobenzene	7.792	146	64153	9.27	ng		98
14) 1,2-Dichlorobenzene	8.104	146	62480	9.39	ng		95
15) Benzyl Alcohol	7.992	79	49923	8.89	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	82869	9.85	ng		99
17) 2-Methylphenol	8.192	107	43843	8.90	ng		97
18) Hexachloroethane	8.828	117	23131	9.20	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	46641	9.31	ng		97
20) 3+4-Methylphenols	8.516	107	58772	8.91	ng		98
22) Acetophenone	8.575	105	82906	8.76	ng		99
24) Nitrobenzene	8.945	77	73364	9.03	ng		99
25) Isophorone	9.469	82	109013	8.15	ng		99
26) 2-Nitrophenol	9.657	139	20243	7.47	ng		95
27) 2,4-Dimethylphenol	9.710	122	47673	9.18	ng		97
28) bis(2-Chloroethoxy)met...	9.951	93	68080	9.63	ng		97
29) 2,4-Dichlorophenol	10.186	162	44884	7.95	ng		96
30) 1,2,4-Trichlorobenzene	10.404	180	55042	8.59	ng		95
31) Naphthalene	10.586	128	172620	8.67	ng		97
32) Benzoic acid	9.775	122	16205	5.37	ng		96
33) 4-Chloroaniline	10.692	127	68504	8.70	ng		96
34) Hexachlorobutadiene	10.874	225	30002	8.06	ng		97
35) Caprolactam	11.451	113	12279	7.16	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	48316	8.01	ng		94
37) 2-Methylnaphthalene	12.198	142	120310	8.64	ng		98
38) 1-Methylnaphthalene	12.421	142	112594	8.50	ng		100
40) 1,2,4,5-Tetrachloroben...	12.568	216	54362	8.67	ng		99
41) Hexachlorocyclopentadiene	12.551	237	32832	9.55	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	30855	7.56	ng		98

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44) 2,4,5-Trichlorophenol	12.874	196	36066	7.95	ng	97
46) 1,1'-Biphenyl	13.216	154	155701	9.16	ng	98
47) 2-Chloronaphthalene	13.257	162	117896	8.81	ng	98
48) 2-Nitroaniline	13.457	65	31661	8.07	ng	95
49) Acenaphthylene	14.104	152	175345	8.61	ng	98
50) Dimethylphthalate	13.839	163	143664	9.19	ng	99
51) 2,6-Dinitrotoluene	13.951	165	27246	8.06	ng	90
52) Acenaphthene	14.445	154	113832	8.80	ng	99
53) 3-Nitroaniline	14.280	138	27224	7.96	ng	99
54) 2,4-Dinitrophenol	14.480	184	10793	6.39	ng	89
55) Dibenzofuran	14.780	168	180873	8.88	ng	97
56) 4-Nitrophenol	14.580	139	22424	7.17	ng	95
57) 2,4-Dinitrotoluene	14.739	165	34120	7.68	ng	87
58) Fluorene	15.427	166	144998	8.79	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	29364	7.90	ng	98
60) Diethylphthalate	15.204	149	140446	9.12	ng	98
61) 4-Chlorophenyl-phenyle...	15.427	204	67345	8.84	ng	97
62) 4-Nitroaniline	15.439	138	28373	7.88	ng	91
63) Azobenzene	15.715	77	153389	8.72	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	15446	6.00	ng	93
66) n-Nitrosodiphenylamine	15.639	169	122465	8.28	ng	97
67) 4-Bromophenyl-phenylether	16.315	248	33376	7.88	ng	98
68) Hexachlorobenzene	16.427	284	42894	8.60	ng	95
69) Atrazine	16.586	200	34445	7.37	ng	94
70) Pentachlorophenol	16.768	266	20631	6.72	ng	98
71) Phenanthrene	17.156	178	232700	8.68	ng	99
72) Anthracene	17.251	178	220174	8.46	ng	98
73) Carbazole	17.515	167	206974	8.08	ng	98
74) Di-n-butylphthalate	18.092	149	195139	7.90	ng	100
75) Fluoranthene	19.168	202	253164	8.55	ng	98
77) Benzidine	19.356	184	95067	6.79	ng	99
78) Pyrene	19.533	202	269598	8.22	ng	99
80) Butylbenzylphthalate	20.439	149	80648	7.27	ng	96
81) Benzo(a)anthracene	21.268	228	262869	8.31	ng	98
82) 3,3'-Dichlorobenzidine	21.209	252	82945	8.77	ng	96
83) Chrysene	21.321	228	261885	8.27	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	122262	7.67	ng	99
85) Di-n-octyl phthalate	22.091	149	195657	7.58	ng	97
87) Indeno(1,2,3-cd)pyrene	25.779	276	321067	8.68	ng	100
88) Benzo(b)fluoranthene	22.850	252	268822	8.17	ng	100
89) Benzo(k)fluoranthene	22.891	252	279116	8.73	ng	98
90) Benzo(a)pyrene	23.421	252	240928	8.09	ng	98
91) Dibenzo(a,h)anthracene	25.785	278	268598	8.49	ng	97
92) Benzo(g,h,i)perylene	26.468	276	271218	8.75	ng	98

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

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