Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
Data File : BP005058.D
Acq On : 26 Mar 2021 12:31
Operator : CG/JU
Sample : M1458-03
Misc : MDL-SOIL--8PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
3/29/2021 5:21:21 PM

Quant Time: Mar 26 13:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 13:21:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	32442	20.00	ng		# 0.00
21) Naphthalene-d8	10.505	136	125274	20.00	ng		# 0.00
39) Acenaphthene-d10	14.369	164	81257	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	178373	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	195634	20.00	ng		0.00
86) Perylene-d12	23.521	264	200787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	154493	73.29	ng		0.00
7) Phenol-d6	6.893	99	220083	72.88	ng		0.00
23) Nitrobenzene-d5	8.875	82	178391	61.10	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	80846	76.36	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	370753	61.72	ng		0.00
79) Terphenyl-d14	19.704	244	638492	59.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	7168	7.81	ng		96
3) Pyridine	3.675	79	14559	6.38	ng		95
4) n-Nitrosodimethylamine	3.570	42	5766	7.06	ng	#	77
6) Aniline	7.052	93	28135	8.22	ng	#	84
8) 2-Chlorophenol	7.281	128	17126	7.70	ng	#	78
9) Benzaldehyde	6.869	77	17662	7.47	ng	#	80
10) Phenol	6.916	94	23230	7.51	ng		83
11) bis(2-Chloroethyl)ether	7.152	93	17563	7.75	ng		95
12) 1,3-Dichlorobenzene	7.605	146	19941	8.07	ng	#	85
13) 1,4-Dichlorobenzene	7.752	146	19471	7.76	ng	#	90
14) 1,2-Dichlorobenzene	8.069	146	19523	8.11	ng		89
15) Benzyl Alcohol	7.963	79	16817	7.22	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.252	45	12991	7.82	ng		91
17) 2-Methylphenol	8.158	107	15056	7.62	ng	#	87
18) Hexachloroethane	8.787	117	7306	7.64	ng		90
19) n-Nitroso-di-n-propyla...	8.522	70	14369	7.34	ng	#	91
20) 3+4-Methylphenols	8.487	107	19930	7.39	ng		87
22) Acetophenone	8.540	105	28422	7.89	ng	#	92
24) Nitrobenzene	8.916	77	23628	7.68	ng	#	77
25) Isophorone	9.446	82	37624	6.98	ng	#	89
26) 2-Nitrophenol	9.628	139	8111	6.80	ng	#	53
27) 2,4-Dimethylphenol	9.693	122	15259	7.95	ng		88
28) bis(2-Chloroethoxy)met...	9.928	93	22783	8.35	ng		97
29) 2,4-Dichlorophenol	10.157	162	15435	7.19	ng		88
30) 1,2,4-Trichlorobenzene	10.369	180	18302	7.59	ng		100
31) Naphthalene	10.557	128	53202	7.52	ng		99
32) Benzoic acid	9.769	122	7073m	4.96	ng		
33) 4-Chloroaniline	10.675	127	22137	7.73	ng	#	87
34) Hexachlorobutadiene	10.840	225	11306	7.28	ng		91
35) Caprolactam	11.457	113	4827	6.85	ng	#	86
36) 4-Chloro-3-methylphenol	11.804	107	18269	7.04	ng		88
37) 2-Methylnaphthalene	12.175	142	38432	7.52	ng		96
38) 1-Methylnaphthalene	12.399	142	35829	7.48	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.546	216	20712	7.83	ng	#	98
41) Hexachlorocyclopentadiene	12.522	237	12440	8.64	ng		90
43) 2,4,6-Trichlorophenol	12.793	196	12867	7.04	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	13977	7.06	ng	#	94
46) 1,1'-Biphenyl	13.198	154	50127	8.09	ng		96
47) 2-Chloronaphthalene	13.240	162	39122	7.75	ng		99
48) 2-Nitroaniline	13.451	65	11166	6.95	ng	#	64
49) Acenaphthylene	14.093	152	58447	7.45	ng		98
50) Dimethylphthalate	13.834	163	47655	7.61	ng		98
51) 2,6-Dinitrotoluene	13.951	165	10800	7.32	ng	#	66
52) Acenaphthene	14.434	154	36456	7.55	ng		100
53) 3-Nitroaniline	14.281	138	9524	7.02	ng	#	65
54) 2,4-Dinitrophenol	14.493	184	4913	5.50	ng	#	88
55) Dibenzofuran	14.775	168	60056	7.59	ng		97
56) 4-Nitrophenol	14.598	139	7387	6.63	ng	#	52
57) 2,4-Dinitrotoluene	14.745	165	13600	6.98	ng	#	66
58) Fluorene	15.428	166	48355	7.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	13083	7.16	ng		97
60) Diethylphthalate	15.204	149	47874	7.82	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	25855	7.62	ng		96
62) 4-Nitroaniline	15.451	138	9319	6.68	ng	#	59
63) Azobenzene	15.716	77	49970	7.14	ng		84
65) 4,6-Dinitro-2-methylph...	15.504	198	8427	6.47	ng		87
66) n-Nitrosodiphenylamine	15.640	169	41101	7.17	ng		97
67) 4-Bromophenyl-phenylether	16.322	248	15176	7.34	ng		96
68) Hexachlorobenzene	16.434	284	17536	7.55	ng		95
69) Atrazine	16.598	200	13123	6.89	ng		97
70) Pentachlorophenol	16.781	266	10021	6.53	ng		97
71) Phenanthrene	17.175	178	77984	7.54	ng		98
72) Anthracene	17.263	178	77386	7.66	ng		99
73) Carbazole	17.539	167	67478	7.11	ng		99
74) Di-n-butylphthalate	18.098	149	73422	7.03	ng	#	97
75) Fluoranthene	19.151	202	91504	7.52	ng		98
77) Benzidine	19.339	184	33452	7.79	ng		98
78) Pyrene	19.504	202	95887	7.13	ng		96
80) Butylbenzylphthalate	20.386	149	33386	6.69	ng	#	77
81) Benzo(a)anthracene	21.216	228	97258	7.32	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	35047	7.85	ng		98
83) Chrysene	21.263	228	95546	7.32	ng		96
84) Bis(2-ethylhexyl)phtha...	21.145	149	50392	6.89	ng		98
85) Di-n-octyl phthalate	22.027	149	86341	7.00	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.863	276	110947	7.37	ng		97
88) Benzo(b)fluoranthene	22.822	252	102577	7.19	ng		99
89) Benzo(k)fluoranthene	22.869	252	99427	7.28	ng		98
90) Benzo(a)pyrene	23.416	252	89720	7.02	ng		98
91) Dibenzo(a,h)anthracene	25.874	278	95040	7.30	ng		96
92) Benzo(g,h,i)perylene	26.574	276	93307	7.43	ng		96

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

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