Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027674.D
Acq On : 02 Nov 2020 13:05
Operator : JU/CG
Sample : L4214-02
Misc : LOQ-SOIL 10PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 02 13:56:38 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 02 13:50:31 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:47 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	27681	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	110614	20.00	ng		# 0.00
39) Acenaphthene-d10	15.015	164	70129	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	149903	20.00	ng		0.00
76) Chrysene-d12	21.827	240	148988	20.00	ng		0.00
86) Perylene-d12	24.280	264	147978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	196357	112.08	ng		0.00
7) Phenol-d6	7.522	99	262376	106.56	ng		0.00
23) Nitrobenzene-d5	9.580	82	223833	92.31	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	94268	112.57	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	449108	91.38	ng		0.00
79) Terphenyl-d14	20.286	244	633272	83.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	6849	9.10	ng	#	60
3) Pyridine	4.022	79	18455	8.56	ng	#	45
4) n-Nitrosodimethylamine	3.922	42	12545	9.38	ng	#	40
6) Aniline	7.704	93	27050	9.74	ng		94
8) 2-Chlorophenol	7.951	128	16539	9.40	ng		88
9) Benzaldehyde	7.510	77	17816	14.05	ng		91
10) Phenol	7.551	94	21359	9.17	ng		94
11) bis(2-Chloroethyl)ether	7.798	93	17749	9.93	ng		88
12) 1,3-Dichlorobenzene	8.292	146	20197	9.41	ng		97
13) 1,4-Dichlorobenzene	8.439	146	20081	9.31	ng		97
14) 1,2-Dichlorobenzene	8.763	146	19246	9.38	ng		98
15) Benzyl Alcohol	8.628	79	18588	9.43	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.939	45	27054	9.47	ng		73
17) 2-Methylphenol	8.828	107	14715	9.40	ng		95
18) Hexachloroethane	9.516	117	8138	9.52	ng		96
19) n-Nitroso-di-n-propyla...	9.210	70	15359	9.54	ng	#	72
20) 3+4-Methylphenols	9.157	107	19127	9.19	ng		96
22) Acetophenone	9.228	105	29413	9.36	ng	#	79
24) Nitrobenzene	9.622	77	24529	9.84	ng		97
25) Isophorone	10.145	82	39157	9.31	ng		97
26) 2-Nitrophenol	10.339	139	6985	8.51	ng		98
27) 2,4-Dimethylphenol	10.380	122	15780	9.80	ng		98
28) bis(2-Chloroethoxy)met...	10.627	93	22641	8.94	ng		99
29) 2,4-Dichlorophenol	10.874	162	15548	8.92	ng		94
30) 1,2,4-Trichlorobenzene	11.098	180	18736	8.83	ng		95
31) Naphthalene	11.292	128	52949	9.06	ng		98
32) Benzoic acid	10.427	122	5579m	5.88	ng		
33) 4-Chloroaniline	11.386	127	22233	8.65	ng		96
34) Hexachlorobutadiene	11.580	225	12233	8.88	ng		90
35) Caprolactam	12.110	113	4728	8.14	ng	#	45
36) 4-Chloro-3-methylphenol	12.469	107	16928	8.35	ng		97
37) 2-Methylnaphthalene	12.874	142	38209	9.21	ng		94
38) 1-Methylnaphthalene	13.092	142	36157	9.20	ng		100
40) 1,2,4,5-Tetrachloroben...	13.227	216	21539	9.72	ng		97
41) Hexachlorocyclopentadiene	13.216	237	11295	9.37	ng		88
43) 2,4,6-Trichlorophenol	13.457	196	12069	8.38	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.521	196	13688	8.87	ng		92
46) 1,1'-Biphenyl	13.857	154	49281	9.20	ng		96
47) 2-Chloronaphthalene	13.904	162	37947	8.55	ng		97
48) 2-Nitroaniline	14.086	65	11109	7.44	ng		93
49) Acenaphthylene	14.739	152	57911	8.64	ng		98
50) Dimethylphthalate	14.451	163	47853	8.52	ng		99
51) 2,6-Dinitrotoluene	14.568	165	8859	8.03	ng	#	70
52) Acenaphthene	15.074	154	37741	8.59	ng		98
53) 3-Nitroaniline	14.898	138	9681	7.73	ng		85
54) 2,4-Dinitrophenol	15.092	184	3667	7.87	ng	#	1
55) Dibenzofuran	15.404	168	59220	9.06	ng		96
56) 4-Nitrophenol	15.168	139	7244	7.14	ng		93
57) 2,4-Dinitrotoluene	15.345	165	11797	7.89	ng	#	93
58) Fluorene	16.045	166	46556	8.69	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	11745	8.67	ng	#	91
60) Diethylphthalate	15.798	149	48296	8.43	ng		99
61) 4-Chlorophenyl-phenyle...	16.033	204	24274	8.80	ng		95
62) 4-Nitroaniline	16.033	138	9944	7.01	ng		99
63) Azobenzene	16.321	77	53400	9.00	ng		83
65) 4,6-Dinitro-2-methylph...	16.092	198	4965	8.23	ng		86
66) n-Nitrosodiphenylamine	16.239	169	40348	8.92	ng		99
67) 4-Bromophenyl-phenylether	16.915	248	14646	9.14	ng	#	93
68) Hexachlorobenzene	17.039	284	15687	8.44	ng	#	90
69) Atrazine	17.156	200	13239	8.64	ng		95
70) Pentachlorophenol	17.368	266	8252	8.19	ng		98
71) Phenanthrene	17.768	178	74871	8.85	ng		98
72) Anthracene	17.856	178	73871	8.93	ng		99
73) Carbazole	18.109	167	68273	8.68	ng		98
74) Di-n-butylphthalate	18.656	149	77207	8.36	ng		98
75) Fluoranthene	19.739	202	85935	8.64	ng		100
77) Benzidine	19.903	184	36838	8.69	ng		98
78) Pyrene	20.097	202	90149	8.72	ng		99
80) Butylbenzylphthalate	20.956	149	29593	7.57	ng		89
81) Benzo(a)anthracene	21.809	228	87813	8.73	ng		98
82) 3,3'-Dichlorobenzidine	21.727	252	31431	9.11	ng	#	98
83) Chrysene	21.862	228	85250	8.79	ng		97
84) Bis(2-ethylhexyl)phtha...	21.715	149	49855	8.72	ng	#	96
85) Di-n-octyl phthalate	22.662	149	81781	8.48	ng	#	84
87) Indeno(1,2,3-cd)pyrene	26.826	276	93694	8.66	ng	#	92
88) Benzo(b)fluoranthene	23.533	252	89797	8.90	ng		97
89) Benzo(k)fluoranthene	23.580	252	82573	8.60	ng		99
90) Benzo(a)pyrene	24.168	252	77320	8.31	ng		96
91) Dibenzo(a,h)anthracene	26.832	278	76869	8.69	ng		98
92) Benzo(g,h,i)perylene	27.597	276	76493	8.84	ng		98

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

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