Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026701.D
Acq On : 08 Jul 2020 11:18
Operator : JU/CG
Sample : L3216-02
Misc : LOO-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:40 AM

Quant Time: Jul 08 14:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 12:03:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	53159	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	240661	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	172201	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	402271	20.00	ng		0.00
76) Chrysene-d12	20.97	240	496756	20.00	ng		0.00
86) Perylene-d12	23.04	264	537081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	329906	104.02	ng		0.00
7) Phenol-d6	6.53	99	501990	99.34	ng		0.00
23) Nitrobenzene-d5	8.47	82	414835	73.54	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	262581	104.68	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	940415	72.61	ng		0.00
79) Terphenyl-d14	19.41	244	1435856	56.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	7886	5.175	ng	#	90
3) Pyridine	3.38	79	15194m	3.486	ng		
4) n-Nitrosodimethylamine	3.29	42	11377	4.361	ng	#	76
6) Aniline	6.67	93	26999	4.353	ng		99
8) 2-Chlorophenol	6.90	128	15652	4.143	ng		95
9) Benzaldehyde	6.50	77	17834	6.359	ng		90
10) Phenol	6.56	94	20919	4.189	ng		79
11) bis(2-Chloroethyl)ether	6.78	93	16999	4.071	ng		98
12) 1,3-Dichlorobenzene	7.22	146	16539	4.027	ng		88
13) 1,4-Dichlorobenzene	7.36	146	17680	4.230	ng		95
14) 1,2-Dichlorobenzene	7.67	146	17864	4.290	ng		96
15) Benzyl Alcohol	7.59	79	14368	3.323	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.86	45	36964	4.289	ng		95
17) 2-Methylphenol	7.79	107	14325	3.774	ng		94
18) Hexachloroethane	8.37	117	6662	4.013	ng		98
19) n-Nitroso-di-n-propylamine	8.14	70	16136	3.838	ng		99
20) 3+4-Methylphenols	8.12	107	17942	3.438	ng		97
22) Acetophenone	8.15	105	29712	4.345	ng	#	96
24) Nitrobenzene	8.52	77	27100	4.567	ng		99
25) Isophorone	9.05	82	41927	3.876	ng		97
26) 2-Nitrophenol	9.23	139	7275	3.322	ng		94
27) 2,4-Dimethylphenol	9.30	122	15672	4.400	ng		100
28) bis(2-Chloroethoxy)methane	9.54	93	24152	4.042	ng		99
29) 2,4-Dichlorophenol	9.77	162	13456	3.431	ng		88
30) 1,2,4-Trichlorobenzene	9.96	180	18588	4.248	ng		95
31) Naphthalene	10.13	128	56174	4.197	ng		98
32) Benzoic acid	9.42	122	2519m	0.932	ng		
33) 4-Chloroaniline	10.27	127	22280	3.805	ng		96
34) Hexachlorobutadiene	10.42	225	12493	4.311	ng		88
35) Caprolactam	11.05	113	4210	3.030	ng		93
36) 4-Chloro-3-methylphenol	11.41	107	17796	3.590	ng		97
37) 2-Methylnaphthalene	11.76	142	42388	4.275	ng		98
38) 1-Methylnaphthalene	11.99	142	40066	4.218	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	24046	4.320	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	5772	2.173	ng		100
43) 2,4,6-Trichlorophenol	12.41	196	11464	3.144	ng		96
44) 2,4,5-Trichlorophenol	12.49	196	14894	3.476	ng		92
46) 1,1'-Biphenyl	12.81	154	60433	4.443	ng		98
47) 2-Chloronaphthalene	12.84	162	43695	3.977	ng		100
48) 2-Nitroaniline	13.07	65	14050	3.107	ng		97
49) Acenaphthylene	13.70	152	68867	3.920	ng		99
50) Dimethylphthalate	13.46	163	59992	4.073	ng		99
51) 2,6-Dinitrotoluene	13.58	165	11486	3.642	ng		89
52) Acenaphthene	14.05	154	42263	3.959	ng		97
53) 3-Nitroaniline	13.93	138	8985	2.738	ng		88
54) 2,4-Dinitrophenol	14.16	184	2354m	1.275	ng		
55) Dibenzofuran	14.39	168	70990	4.056	ng		98
56) 4-Nitrophenol	14.28	139	4567	1.774	ng		100
57) 2,4-Dinitrotoluene	14.39	165	14227	3.125	ng	#	68
58) Fluorene	15.05	166	57413	3.962	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.64	232	13683	3.656	ng		97
60) Diethylphthalate	14.85	149	60824	3.905	ng		97
61) 4-Chlorophenyl-phenylether	15.06	204	29975	3.818	ng		95
62) 4-Nitroaniline	15.10	138	8867m	2.589	ng		
63) Azobenzene	15.35	77	65289	3.817	ng		96
65) 4,6-Dinitro-2-methylphenol	15.17	198	5702	2.085	ng	#	72
66) n-Nitrosodiphenylamine	15.27	169	48812	3.818	ng		99
67) 4-Bromophenyl-phenylether	15.95	248	18452	3.685	ng		97
68) Hexachlorobenzene	16.06	284	21601	4.099	ng		94
69) Atrazine	16.24	200	17003	4.423	ng		96
70) Pentachlorophenol	16.42	266	7639	2.562	ng		93
71) Phenanthrene	16.79	178	97568	4.108	ng		98
72) Anthracene	16.88	178	92531	3.914	ng		99
73) Carbazole	17.17	167	79160	3.512	ng		98
74) Di-n-butylphthalate	17.74	149	96396	3.401	ng		99
75) Fluoranthene	18.82	202	117172	4.006	ng		99
77) Benzidine	19.03	184	33429	3.413	ng		100
78) Pyrene	19.19	202	121585	3.885	ng		100
80) Butylbenzylphthalate	20.13	149	42499	3.026	ng		99
81) Benzo(a)anthracene	20.96	228	136149	4.080	ng		97
82) 3,3'-Dichlorobenzidine	20.90	252	42116	3.977	ng		100
83) Chrysene	21.00	228	131416	4.046	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	69433	3.086	ng		98
85) Di-n-octyl phthalate	21.76	149	118980	3.094	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.05	276	161443	4.222	ng		99
88) Benzo(b)fluoranthene	22.44	252	137342	3.881	ng		98
89) Benzo(k)fluoranthene	22.48	252	139076	4.007	ng		98
90) Benzo(a)pyrene	22.95	252	126973	3.865	ng		98
91) Dibenzo(a,h)anthracene	25.06	278	134628	4.171	ng		98
92) Benzo(g,h,i)perylene	25.66	276	132938	4.470	ng		97

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

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