Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026703.D
Acq On : 08 Jul 2020 13:52
Operator : JU/CG
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:49 AM

Quant Time: Jul 08 14:54:10 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 13:13:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	48028	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	195751	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	130234	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	302153	20.00	ng		0.00
76) Chrysene-d12	20.96	240	387351	20.00	ng		0.00
86) Perylene-d12	23.04	264	431581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	299373	104.48	ng		0.00
7) Phenol-d6	6.53	99	440649	96.52	ng		0.00
23) Nitrobenzene-d5	8.47	82	347247	75.68	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	191579	100.98	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	711720	72.66	ng		0.00
79) Terphenyl-d14	19.41	244	1109624	56.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	15978	11.605	ng		97
3) Pyridine	3.36	79	26323	6.685	ng	#	76
4) n-Nitrosodimethylamine	3.27	42	21929	9.304	ng	#	79
6) Aniline	6.67	93	48006	8.567	ng		100
8) 2-Chlorophenol	6.90	128	29258	8.572	ng		98
9) Benzaldehyde	6.49	77	38768m	15.300	ng		
10) Phenol	6.56	94	38858	8.612	ng		92
11) bis(2-Chloroethyl)ether	6.77	93	31203	8.271	ng		93
12) 1,3-Dichlorobenzene	7.22	146	32167	8.670	ng		99
13) 1,4-Dichlorobenzene	7.36	146	33267	8.809	ng		94
14) 1,2-Dichlorobenzene	7.67	146	32081	8.527	ng		96
15) Benzyl Alcohol	7.58	79	27259	6.978	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.87	45	61920	7.952	ng		99
17) 2-Methylphenol	7.79	107	25172	7.341	ng		97
18) Hexachloroethane	8.37	117	12293	8.196	ng		92
19) n-Nitroso-di-n-propylamine	8.14	70	28033	7.380	ng		94
20) 3+4-Methylphenols	8.12	107	33416	7.088	ng		91
22) Acetophenone	8.15	105	77149	13.869	ng	#	94
24) Nitrobenzene	8.51	77	43738	9.061	ng		96
25) Isophorone	9.04	82	69657	7.917	ng		98
26) 2-Nitrophenol	9.22	139	13377	7.509	ng	#	90
27) 2,4-Dimethylphenol	9.30	122	26181	9.037	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	41538	8.546	ng	#	97
29) 2,4-Dichlorophenol	9.76	162	24615	7.715	ng		94
30) 1,2,4-Trichlorobenzene	9.95	180	30640	8.609	ng		98
31) Naphthalene	10.13	128	96481	8.862	ng		98
32) Benzoic acid	9.43	122	17113	7.784	ng	#	88
33) 4-Chloroaniline	10.27	127	37496	7.873	ng		99
34) Hexachlorobutadiene	10.42	225	19596	8.313	ng		98
35) Caprolactam	11.05	113	8722	7.718	ng	#	73
36) 4-Chloro-3-methylphenol	11.41	107	31589	7.834	ng		96
37) 2-Methylnaphthalene	11.76	142	67120	8.322	ng		98
38) 1-Methylnaphthalene	11.98	142	65625	8.493	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	60523	14.376	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	12341	6.143	ng		99
43) 2,4,6-Trichlorophenol	12.40	196	21331	7.735	ng		97
44) 2,4,5-Trichlorophenol	12.48	196	23752	7.329	ng		95
46) 1,1'-Biphenyl	12.80	154	152493	14.824	ng		98
47) 2-Chloronaphthalene	12.84	162	69903	8.412	ng		97
48) 2-Nitroaniline	13.07	65	23798	6.959	ng		96
49) Acenaphthylene	13.70	152	110035	8.283	ng		100
50) Dimethylphthalate	13.46	163	93731	8.414	ng		99
51) 2,6-Dinitrotoluene	13.58	165	19043	7.983	ng		92
52) Acenaphthene	14.05	154	66236	8.204	ng		96
53) 3-Nitroaniline	13.92	138	16436	6.623	ng		96
54) 2,4-Dinitrophenol	14.14	184	10788	7.727	ng		95
55) Dibenzofuran	14.39	168	109961	8.306	ng		96
56) 4-Nitrophenol	14.27	139	10723	5.507	ng		97
57) 2,4-Dinitrotoluene	14.39	165	24750	7.189	ng		87
58) Fluorene	15.04	166	89609	8.176	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	23332	8.244	ng		99
60) Diethylphthalate	14.85	149	94538	8.026	ng		99
61) 4-Chlorophenyl-phenylether	15.05	204	47389	7.980	ng		98
62) 4-Nitroaniline	15.10	138	16049m	6.197	ng		
63) Azobenzene	15.34	77	101739	7.864	ng		95
65) 4,6-Dinitro-2-methylphenol	15.16	198	12702	6.184	ng		85
66) n-Nitrosodiphenylamine	15.27	169	78070	8.131	ng		99
67) 4-Bromophenyl-phenylether	15.95	248	28105	7.473	ng		97
68) Hexachlorobenzene	16.06	284	32964	8.328	ng		98
69) Atrazine	16.24	200	28444	9.851	ng		98
70) Pentachlorophenol	16.42	266	15451	6.900	ng		98
71) Phenanthrene	16.79	178	151904	8.516	ng		98
72) Anthracene	16.88	178	150856	8.495	ng		99
73) Carbazole	17.16	167	133454	7.883	ng		99
74) Di-n-butylphthalate	17.74	149	164875	7.745	ng		99
75) Fluoranthene	18.82	202	187616	8.540	ng		99
77) Benzidine	19.03	184	71072	9.307	ng		98
78) Pyrene	19.19	202	201369	8.252	ng		99
80) Butylbenzylphthalate	20.13	149	80305	7.334	ng		93
81) Benzo(a)anthracene	20.95	228	220815	8.487	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	76650	9.282	ng		94
83) Chrysene	21.00	228	220709	8.715	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	127447	7.265	ng		100
85) Di-n-octyl phthalate	21.76	149	226211	7.545	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.04	276	296417	9.648	ng		99
88) Benzo(b)fluoranthene	22.43	252	233458	8.210	ng		99
89) Benzo(k)fluoranthene	22.47	252	247910	8.888	ng		99
90) Benzo(a)pyrene	22.95	252	218804	8.288	ng		98
91) Dibenzo(a,h)anthracene	25.05	278	249696	9.627	ng		98
92) Benzo(g,h,i)perylene	25.65	276	249322	10.433	ng		98

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

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