Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024609.D
Acq On : 23 Jan 2020 15:57
Operator : CG/JU
Sample : K5111-01
Misc : 8 PPM LOD
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/24/2020 1:55:09 PM

Quant Time: Jan 23 16:47:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	207261	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	858352	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	612212	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1430666	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1534083	20.00	ng		0.00
87) Perylene-d12	23.16	264	1727227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1406756	129.08	ng		0.00
7) Phenol-d6	6.64	99	1853164	123.43	ng		0.00
23) Nitrobenzene-d5	8.58	82	1287471	73.56	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1282314	128.77	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	3312247	73.55	ng		0.00
79) Terphenyl-d14	19.50	244	6723237	81.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	35575	8.252	ng		98
3) Pyridine	3.46	79	102205	8.178	ng		98
4) n-Nitrosodimethylamine	3.37	42	40925	7.377	ng	#	96
6) Aniline	6.79	93	141168	7.724	ng		96
8) 2-Chlorophenol	7.02	128	92315	7.441	ng		96
9) Benzaldehyde	6.60	77	63592	7.169	ng		98
10) Phenol	6.66	94	113214	7.565	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	91418	7.631	ng		95
12) 1,3-Dichlorobenzene	7.33	146	118724	7.790	ng		99
13) 1,4-Dichlorobenzene	7.48	146	120214	7.775	ng		99
14) 1,2-Dichlorobenzene	7.79	146	116261	7.790	ng		98
15) Benzyl Alcohol	7.69	79	91581	7.399	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	86427	7.880	ng		99
17) 2-Methylphenol	7.89	107	76810	7.283	ng		99
18) Hexachloroethane	8.51	117	46627	7.809	ng		94
19) n-Nitroso-di-n-propylamine	8.25	70	85159	7.555	ng		97
20) 3+4-Methylphenols	8.22	107	105230	7.208	ng		99
22) Acetophenone	8.26	105	170471	7.702	ng	#	98
24) Nitrobenzene	8.62	77	132280	7.887	ng		98
25) Isophorone	9.15	82	219496	7.381	ng		99
26) 2-Nitrophenol	9.33	139	52059	6.703	ng		99
27) 2,4-Dimethylphenol	9.40	122	75945	7.196	ng		98
28) bis(2-Chloroethoxy)methane	9.64	93	137133	7.548	ng		98
29) 2,4-Dichlorophenol	9.86	162	97346	6.827	ng		99
30) 1,2,4-Trichlorobenzene	10.07	180	125700	7.310	ng		98
31) Naphthalene	10.25	128	322859	7.447	ng		99
32) Benzoic acid	9.50	122	52868m	5.476	ng		
33) 4-Chloroaniline	10.36	127	137082	7.214	ng		98
34) Hexachlorobutadiene	10.56	225	91083	7.662	ng		98
35) Caprolactam	11.13	113	31002	6.777	ng		92
36) 4-Chloro-3-methylphenol	11.50	107	103363	6.817	ng		98
37) 2-Methylnaphthalene	11.87	142	246633	7.372	ng		96
38) 1-Methylnaphthalene	12.10	142	237750	7.471	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	160998	7.368	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	78083	6.376 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	93308	6.711 ng	98
44) 2,4,5-Trichlorophenol	12.57	196	96741	6.813 ng	99
46) 1,1'-Biphenyl	12.92	154	348061	7.513 ng	98
47) 2-Chloronaphthalene	12.95	162	276144	7.383 ng	98
48) 2-Nitroaniline	13.16	65	78469	6.879 ng	95
49) Acenaphthylene	13.80	152	407289	7.274 ng	99
50) Dimethylphthalate	13.56	163	371808	7.511 ng	99
51) 2,6-Dinitrotoluene	13.67	165	73825	7.014 ng	96
52) Acenaphthene	14.16	154	252055	7.254 ng	100
53) 3-Nitroaniline	13.99	138	71747	6.572 ng	100
54) 2,4-Dinitrophenol	14.20	184	31619	5.024 ng	99
55) Dibenzofuran	14.49	168	421058	7.431 ng	98
56) 4-Nitrophenol	14.32	139	51830	6.074 ng	94
57) 2,4-Dinitrotoluene	14.46	165	101633	6.738 ng	99
58) Fluorene	15.14	166	341348	7.168 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	99836	6.933 ng	99
60) Diethylphthalate	14.94	149	368334	7.329 ng	98
61) 4-Chlorophenyl-phenylether	15.15	204	199770	7.277 ng	96
62) 4-Nitroaniline	15.16	138	78139	6.485 ng	89
63) Azobenzene	15.44	77	316113	7.374 ng	98
65) 4,6-Dinitro-2-methylphenol	15.23	198	48993	5.824 ng	97
66) n-Nitrosodiphenylamine	15.37	169	293859	7.151 ng	97
67) 4-Bromophenyl-phenylether	16.05	248	128055	7.198 ng	97
68) Hexachlorobenzene	16.16	284	151661	7.428 ng	96
69) Atrazine	16.33	200	108243	6.862 ng	100
70) Pentachlorophenol	16.50	266	77422	6.226 ng	96
71) Phenanthrene	16.88	178	567772	7.329 ng	99
72) Anthracene	16.97	178	542667	7.159 ng	99
73) Carbazole	17.24	167	491837	7.127 ng	100
74) Di-n-butylphthalate	17.84	149	597977	6.778 ng	100
75) Fluoranthene	18.91	202	687966	7.115 ng	99
77) Benzidine	19.10	184	226318	6.335 ng	99
78) Pyrene	19.27	202	720127	7.121 ng	99
80) Butylbenzylphthalate	20.22	149	264742	6.239 ng	99
81) Benzo(a)anthracene	21.03	228	788042	7.401 ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	253576	6.621 ng	99
83) Chrysene	21.09	228	745385	7.337 ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	400037	6.389 ng	99
85) Di-n-octyl phthalate	21.86	149	656553	6.347 ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	811340	7.327 ng	98
88) Benzo(b)fluoranthene	22.54	252	785360	7.011 ng	100
89) Benzo(k)fluoranthene	22.58	252	762963	6.978 ng	99
90) Benzo(a)pyrene	23.07	252	698299	6.856 ng	100
91) Dibenzo(a,h)anthracene	25.24	278	685974	7.096 ng	98
92) Benzo(g,h,i)perylene	25.85	276	623687	7.105 ng	99

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

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