Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026718.D
Acq On : 09 Jul 2020 14:30
Operator : JU/CG
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:29 AM

Quant Time: Jul 09 15:03:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	59164	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	259944	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	179467	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	424149	20.00	ng		0.00
76) Chrysene-d12	20.97	240	519896	20.00	ng		0.00
86) Perylene-d12	23.04	264	549575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	357133	101.17	ng		0.00
7) Phenol-d6	6.53	99	539995	96.02	ng		0.00
23) Nitrobenzene-d5	8.47	82	453155	74.37	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	270642	103.52	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	984398	72.93	ng		0.00
79) Terphenyl-d14	19.41	244	1518745	57.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	18118	10.683	ng		98
3) Pyridine	3.36	79	33900	6.988	ng	#	93
4) n-Nitrosodimethylamine	3.26	42	26233	9.035	ng		88
6) Aniline	6.67	93	59634	8.639	ng		96
8) 2-Chlorophenol	6.90	128	36264	8.624	ng		98
9) Benzaldehyde	6.49	77	39662	12.707	ng		97
10) Phenol	6.56	94	47089	8.472	ng		89
11) bis(2-Chloroethyl)ether	6.77	93	38572	8.299	ng		98
12) 1,3-Dichlorobenzene	7.22	146	38782	8.485	ng		94
13) 1,4-Dichlorobenzene	7.36	146	41266	8.870	ng		98
14) 1,2-Dichlorobenzene	7.67	146	40020	8.635	ng		97
15) Benzyl Alcohol	7.58	79	36312	7.546	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	81625	8.509	ng		99
17) 2-Methylphenol	7.79	107	31383	7.429	ng		97
18) Hexachloroethane	8.37	117	15469	8.372	ng		88
19) n-Nitroso-di-n-propylamine	8.14	70	38850	8.302	ng		97
20) 3+4-Methylphenols	8.12	107	42010	7.234	ng		97
22) Acetophenone	8.15	105	66072	8.945	ng	#	94
24) Nitrobenzene	8.52	77	56703	8.846	ng		99
25) Isophorone	9.04	82	96035	8.219	ng		100
26) 2-Nitrophenol	9.22	139	17607	7.442	ng		95
27) 2,4-Dimethylphenol	9.30	122	34815	9.050	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	56663	8.779	ng		99
29) 2,4-Dichlorophenol	9.76	162	33797	7.977	ng		97
30) 1,2,4-Trichlorobenzene	9.95	180	39676	8.395	ng		99
31) Naphthalene	10.13	128	125090	8.652	ng		98
32) Benzoic acid	9.42	122	7781	9.085	ng		93
33) 4-Chloroaniline	10.26	127	48300	7.637	ng		96
34) Hexachlorobutadiene	10.42	225	25710	8.214	ng		94
35) Caprolactam	11.04	113	11130	7.416	ng		98
36) 4-Chloro-3-methylphenol	11.40	107	43675	8.157	ng		96
37) 2-Methylnaphthalene	11.76	142	91748	8.567	ng		98
38) 1-Methylnaphthalene	11.98	142	89258	8.699	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	50891	8.772	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	16903	10.912	ng	99
43) 2,4,6-Trichlorophenol	12.40	196	29290	7.707	ng	95
44) 2,4,5-Trichlorophenol	12.48	196	33982	7.609	ng	98
46) 1,1'-Biphenyl	12.80	154	129701	9.149	ng	98
47) 2-Chloronaphthalene	12.84	162	94548	8.256	ng	97
48) 2-Nitroaniline	13.07	65	33885	7.190	ng	92
49) Acenaphthylene	13.70	152	155526	8.495	ng	99
50) Dimethylphthalate	13.46	163	130075	8.474	ng	99
51) 2,6-Dinitrotoluene	13.58	165	26617	8.097	ng	96
52) Acenaphthene	14.05	154	93666	8.419	ng	98
53) 3-Nitroaniline	13.92	138	23464	6.862	ng	99
54) 2,4-Dinitrophenol	14.14	184	8545	9.727	ng	88
55) Dibenzofuran	14.39	168	154392	8.463	ng	99
56) 4-Nitrophenol	14.27	139	15883	8.980	ng	99
57) 2,4-Dinitrotoluene	14.39	165	35885	7.564	ng	89
58) Fluorene	15.04	166	123777	8.195	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	32683	8.380	ng	98
60) Diethylphthalate	14.85	149	135223	8.331	ng	99
61) 4-Chlorophenyl-phenylether	15.05	204	66452	8.120	ng	91
62) 4-Nitroaniline	15.09	138	23808m	8.710	ng	
63) Azobenzene	15.34	77	149851	8.405	ng	96
65) 4,6-Dinitro-2-methylphenol	15.16	198	17535	9.638	ng	80
66) n-Nitrosodiphenylamine	15.27	169	112138	8.320	ng	97
67) 4-Bromophenyl-phenylether	15.95	248	41555	7.871	ng	99
68) Hexachlorobenzene	16.06	284	46842	8.430	ng	99
69) Atrazine	16.24	200	39395	9.720	ng	97
70) Pentachlorophenol	16.42	266	21393	6.806	ng	93
71) Phenanthrene	16.79	178	209447	8.365	ng	100
72) Anthracene	16.88	178	208062	8.347	ng	100
73) Carbazole	17.16	167	182324	7.672	ng	99
74) Di-n-butylphthalate	17.74	149	229196	7.670	ng	100
75) Fluoranthene	18.82	202	258304	8.375	ng	98
77) Benzidine	19.03	184	97884	9.550	ng	99
78) Pyrene	19.18	202	271645	8.294	ng	99
80) Butylbenzylphthalate	20.13	149	108070	7.353	ng	96
81) Benzo(a)anthracene	20.95	228	298303	8.542	ng	98
82) 3,3'-Dichlorobenzidine	20.90	252	100174	9.038	ng	98
83) Chrysene	21.00	228	290834	8.556	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	177640	7.545	ng	99
85) Di-n-octyl phthalate	21.76	149	301240	7.486	ng	98
87) Indeno(1,2,3-cd)pyrene	25.04	276	347247	8.875	ng	99
88) Benzo(b)fluoranthene	22.43	252	302599	8.356	ng	100
89) Benzo(k)fluoranthene	22.47	252	314838	8.864	ng	99
90) Benzo(a)pyrene	22.95	252	273265	8.129	ng	98
91) Dibenzo(a,h)anthracene	25.04	278	293003	8.871	ng	98
92) Benzo(g,h,i)perylene	25.64	276	286566	9.417	ng	97

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

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