Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026475.D
Acq On : 19 Jun 2020 20:53
Operator : JU/CG
Sample : L2182-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
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6/22/2020 3:23:34 PM

Quant Time: Jun 20 06:38:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	87164	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	385288	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	276092	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	644669	20.00	ng		0.00
76) Chrysene-d12	21.01	240	676946	20.00	ng		0.00
86) Perylene-d12	23.10	264	711636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	760675	154.30	ng		0.00
7) Phenol-d6	6.59	99	1141704	159.93	ng		0.00
23) Nitrobenzene-d5	8.53	82	892245	113.70	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	658844	197.00	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2058826	113.20	ng		0.00
79) Terphenyl-d14	19.46	244	3823406	109.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	11040	4.967	ng		99
3) Pyridine	3.42	79	23841	3.652	ng	#	94
4) n-Nitrosodimethylamine	3.32	42	14984	4.636	ng	#	77
6) Aniline	6.73	93	43896	4.688	ng		92
8) 2-Chlorophenol	6.96	128	26506	4.661	ng		91
9) Benzaldehyde	6.55	77	26850	5.898	ng		96
10) Phenol	6.62	94	35162	4.625	ng		85
11) bis(2-Chloroethyl)ether	6.83	93	29618	4.837	ng		94
12) 1,3-Dichlorobenzene	7.27	146	29017	4.609	ng		98
13) 1,4-Dichlorobenzene	7.42	146	31265	4.875	ng		93
14) 1,2-Dichlorobenzene	7.73	146	29656	4.734	ng		96
15) Benzyl Alcohol	7.65	79	24212	3.994	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.93	45	56711	4.959	ng		99
17) 2-Methylphenol	7.85	107	21691	3.904	ng		92
18) Hexachloroethane	8.44	117	11497	4.734	ng		93
19) n-Nitroso-di-n-propylamine	8.20	70	27178	4.885	ng		95
20) 3+4-Methylphenols	8.17	107	30633	4.045	ng		96
22) Acetophenone	8.21	105	47862	4.831	ng		94
24) Nitrobenzene	8.57	77	43850	5.338	ng		96
25) Isophorone	9.10	82	72890	4.944	ng		100
26) 2-Nitrophenol	9.28	139	13382	4.116	ng		92
27) 2,4-Dimethylphenol	9.36	122	13774	2.684	ng		86
28) bis(2-Chloroethoxy)methane	9.59	93	42324	5.060	ng		98
29) 2,4-Dichlorophenol	9.82	162	23652	4.200	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	30183	4.888	ng		93
31) Naphthalene	10.19	128	95047	4.895	ng		99
32) Benzoic acid	9.46	122	4399m	1.154	ng		
33) 4-Chloroaniline	10.33	127	36281	4.284	ng		95
34) Hexachlorobutadiene	10.49	225	18450	4.733	ng		95
35) Caprolactam	11.10	113	9668	4.887	ng		96
36) 4-Chloro-3-methylphenol	11.46	107	31607	4.606	ng		97
37) 2-Methylnaphthalene	11.82	142	71638	5.178	ng		99
38) 1-Methylnaphthalene	12.05	142	69935	5.336	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	40123	5.105	ng		99

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Quant Time: Jun 20 06:38:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	7433	1.605	ng		92
43) 2,4,6-Trichlorophenol	12.46	196	21573	4.055	ng		95
44) 2,4,5-Trichlorophenol	12.54	196	25603	4.146	ng		97
46) 1,1'-Biphenyl	12.86	154	100954	5.216	ng		98
47) 2-Chloronaphthalene	12.90	162	74387	4.731	ng		97
48) 2-Nitroaniline	13.12	65	23489	3.770	ng		90
49) Acenaphthylene	13.76	152	120503	4.792	ng		99
50) Dimethylphthalate	13.52	163	100045	4.954	ng		98
51) 2,6-Dinitrotoluene	13.63	165	20581	4.644	ng		96
52) Acenaphthene	14.10	154	74016	4.903	ng		98
53) 3-Nitroaniline	13.97	138	15861	3.214	ng		89
54) 2,4-Dinitrophenol	14.20	184	5025	1.866	ng	#	75
55) Dibenzofuran	14.44	168	123592	5.081	ng		99
56) 4-Nitrophenol	14.32	139	8917	2.279	ng		93
57) 2,4-Dinitrotoluene	14.43	165	25302	4.107	ng	#	83
58) Fluorene	15.10	166	97167	4.918	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	24696	4.676	ng		100
60) Diethylphthalate	14.90	149	102554	4.986	ng		99
61) 4-Chlorophenyl-phenylether	15.11	204	52090	4.971	ng		99
62) 4-Nitroaniline	15.14	138	14594m	2.773	ng		
63) Azobenzene	15.40	77	108752	4.832	ng		98
65) 4,6-Dinitro-2-methylphenol	15.22	198	11988	3.058	ng		95
66) n-Nitrosodiphenylamine	15.33	169	84807	4.541	ng		98
67) 4-Bromophenyl-phenylether	16.00	248	30713	4.328	ng		96
68) Hexachlorobenzene	16.11	284	36104	4.875	ng		96
69) Atrazine	16.29	200	33238	5.957	ng		96
70) Pentachlorophenol	16.47	266	13372	2.999	ng		92
71) Phenanthrene	16.84	178	163791	4.879	ng		99
72) Anthracene	16.93	178	155316	4.636	ng		98
73) Carbazole	17.22	167	137180	4.317	ng		99
74) Di-n-butylphthalate	17.80	149	166002	4.430	ng		99
75) Fluoranthene	18.87	202	192367	4.998	ng		99
77) Benzidine	19.07	184	51006	3.627	ng		98
78) Pyrene	19.23	202	204409	4.570	ng		99
80) Butylbenzylphthalate	20.17	149	74194	4.102	ng		99
81) Benzo(a)anthracene	21.00	228	211140	5.196	ng		98
82) 3,3'-Dichlorobenzidine	20.94	252	70962	5.645	ng		99
83) Chrysene	21.04	228	203837	5.264	ng		98
84) Bis(2-ethylhexyl)phthalate	20.96	149	117112	4.541	ng		98
85) Di-n-octyl phthalate	21.80	149	192661	4.843	ng		96
87) Indeno(1,2,3-cd)pyrene	25.13	276	192333	4.672	ng		100
88) Benzo(b)fluoranthene	22.49	252	192229	4.490	ng		99
89) Benzo(k)fluoranthene	22.53	252	211697	5.090	ng		99
90) Benzo(a)pyrene	23.01	252	174169	4.581	ng		100
91) Dibenzo(a,h)anthracene	25.14	278	159763	4.649	ng		100
92) Benzo(g,h,i)perylene	25.74	276	158390	4.843	ng		99

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

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