Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
Data File : BM026615.D
Acq On : 30 Jun 2020 09:20
Operator : JU/CG
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01004

Manual Integrations APPROVED
mohammad
7/1/2020 8:09:57 AM

Quant Time: Jun 30 10:42:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 10:35:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	60704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	257773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	158542	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	334564	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	344517	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	361320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	8320	4.81	ng/uL	0.00
5) Phenol-d5	6.56	99	52668	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	38385	10.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	41240	9.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	43327	9.84	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	19447	8.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	19881	7.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	40228	8.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	49121	10.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	123007	9.23	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	147941	9.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	13305	6.02	ng/ul	0.01
58) Fluorene-d10	15.02	176	107831	9.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	16899	7.72	ng/ul	0.00
71) Anthracene-d10	16.87	188	160105	9.40	ng/ul	0.00
79) Pyrene-d10	19.18	212	174949	9.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	188738	9.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	9789	5.101	ng/uL	96
4) Benzaldehyde	6.52	77	36801	11.455	ng/ul	98
6) Phenol	6.59	94	58302	9.520	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.80	93	48110	10.497	ng/ul	95
10) 2-Chlorophenol	6.93	128	47011	9.617	ng/ul	99
11) 2-Methylphenol	7.82	108	41410	9.304	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.90	45	95525	12.211	ng/ul	97
14) Acetophenone	8.18	105	74435	10.303	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.17	70	43760	10.138	ng/ul	96
16) 4-Methylphenol	8.15	108	46189	9.582	ng/ul	93
17) Hexachloroethane	8.41	117	20955	10.093	ng/ul	94
20) Nitrobenzene	8.55	77	62753	10.071	ng/ul	98
21) Isophorone	9.07	82	104306	9.048	ng/ul	99
23) 2-Nitrophenol	9.25	139	23233	8.283	ng/ul	97
24) 2,4-Dimethylphenol	9.33	107	55470	9.405	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.56	93	62841	9.406	ng/ul	97
27) 2,4-Dichlorophenol	9.78	162	40596	8.680	ng/ul	95
28) Naphthalene	10.16	128	151562	9.669	ng/ul	98
30) 4-Chloroaniline	10.29	127	53549	10.685	ng/ul	99
31) Hexachlorobutadiene	10.45	225	31571	10.218	ng/ul	96
32) Caprolactam	11.07	113	10378m	7.057	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	46805	8.608	ng/ul	97
34) 2-Methylnaphthalene	11.79	142	105680	9.593	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.01	142	96938	9.465	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	56768	9.800	ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	21828	7.541	ng/ul	95
39) 2,4,6-Trichlorophenol	12.43	196	31746	8.472	ng/ul	97
40) 2,4,5-Trichlorophenol	12.51	196	34732	8.590	ng/ul	92
41) 1,1'-Biphenyl	12.83	154	134828	9.583	ng/ul	99
42) 2-Chloronaphthalene	12.87	162	105417	9.737	ng/ul	99
43) 2-Nitroaniline	13.10	65	33167	8.502	ng/ul	98
45) Dimethylphthalate	13.49	163	129895	9.383	ng/ul	99
46) 2,6-Dinitrotoluene	13.61	165	23304	8.097	ng/ul	93
48) Acenaphthylene	13.73	152	160379	9.415	ng/ul	99
49) 3-Nitroaniline	13.94	138	18281	7.075	ng/ul	98
50) Acenaphthene	14.08	153	115022	9.786	ng/ul	95
51) 2,4-Dinitrophenol	14.17	184	7636	5.193	ng/ul	94
53) 4-Nitrophenol	14.28	109	14152	7.333	ng/ul	90
54) Dibenzofuran	14.42	168	162016	9.764	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	34935	8.380	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	14.66	232	29880	8.653	ng/ul	94
57) Diethylphthalate	14.87	149	129760	9.270	ng/ul	100
59) Fluorene	15.07	166	129248	9.436	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.08	204	68389	9.873	ng/ul	97
61) 4-Nitroaniline	15.12	138	20677m	7.049	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	18571	8.255	ng/ul#	98
65) N-Nitrosodiphenylamine	15.30	169	108946	9.478	ng/ul	97
66) 4-Bromophenyl-phenylether	15.97	248	39869	9.499	ng/ul	98
67) Hexachlorobenzene	16.09	284	45292	9.645	ng/ul	98
68) Atrazine	16.27	200	35549	9.075	ng/ul	99
69) Pentachlorophenol	16.44	266	17058	7.599	ng/ul	98
70) Phenanthrene	16.81	178	207875	9.907	ng/ul	99
72) Anthracene	16.90	178	208057	9.674	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	57965	10.235	ng/uL	98
74) Pentachlorobenzene	14.34	250	55125	10.126	ng/uL	98
75) Carbazole	17.19	167	165186	9.242	ng/ul	99
76) Di-n-butylphthalate	17.77	149	188677	8.066	ng/ul	99
77) Fluoranthene	18.84	202	225831	9.851	ng/ul	97
80) Pyrene	19.21	202	241862	9.549	ng/ul	100
81) Butylbenzylphthalate	20.15	149	77772	7.212	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.92	252	61175	7.686	ng/ul	99
83) Benzo(a)anthracene	20.97	228	235648	9.602	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.94	149	115920	7.116	ng/ul	98
85) Chrysene	21.03	228	233321	9.793	ng/ul	100
87) Di-n-octyl phthalate	21.79	149	195442	7.535	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	239085	9.649	ng/ul	98
89) Benzo(k)fluoranthene	22.50	252	242534	10.176	ng/ul	99
91) Benzo(a)pyrene	22.98	252	212928	9.755	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.09	276	278685	9.740	ng/ul	99
93) Dibenzo(a,h)anthracene	25.10	278	229740	9.623	ng/ul	99
94) Benzo(g,h,i)perylene	25.70	276	235272	9.844	ng/ul	98

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

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