Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\
Data File : BM026656.D
Acq On : 02 Jul 2020 16:11
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:05 AM

Quant Time: Jul 02 16:49:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 02 11:21:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	98695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	397919	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	232142	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	463006	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	416802	20.00	ng/ul	0.00
86) Perylene-d12	23.06	264	408817	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	23401	7.12	ng/uL	0.00
5) Phenol-d5	6.56	99	163503	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	117333	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	130591	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	129920	17.97	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	62194	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	66932	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	126088	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	155732	22.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	344316	18.59	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	421930	18.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	45728	17.11	ng/ul	0.00
58) Fluorene-d10	15.02	176	295180	18.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	43729	15.12	ng/ul	0.00
71) Anthracene-d10	16.87	188	427548	18.75	ng/ul	0.00
79) Pyrene-d10	19.17	212	436924	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.93	264	430181	19.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	23876	6.714	ng/uL	96
4) Benzaldehyde	6.51	77	110926	23.109	ng/ul	99
6) Phenol	6.59	94	178879	18.001	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.80	93	142062	18.775	ng/ul	95
10) 2-Chlorophenol	6.93	128	138634	18.107	ng/ul	98
11) 2-Methylphenol	7.81	108	129802	18.282	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.88	45	279349	19.031	ng/ul	98
14) Acetophenone	8.18	105	221009	18.045	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.16	70	129065	17.838	ng/ul	98
16) 4-Methylphenol	8.14	108	139915	17.729	ng/ul	99
17) Hexachloroethane	8.40	117	62072	18.295	ng/ul	97
20) Nitrobenzene	8.54	77	180895	18.228	ng/ul	99
21) Isophorone	9.06	82	318652	19.101	ng/ul	97
23) 2-Nitrophenol	9.25	139	75461	19.437	ng/ul	95
24) 2,4-Dimethylphenol	9.32	107	166776	18.654	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.55	93	186751	18.828	ng/ul	95
27) 2,4-Dichlorophenol	9.78	162	127989	18.850	ng/ul	97
28) Naphthalene	10.16	128	429121	18.220	ng/ul	99
30) 4-Chloroaniline	10.29	127	161716	21.996	ng/ul	98
31) Hexachlorobutadiene	10.45	225	92350	18.767	ng/ul	98
32) Caprolactam	11.06	113	33982m	18.121	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	145647	18.851	ng/ul	100
34) 2-Methylnaphthalene	11.78	142	295558	17.912	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	276773	17.996 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	161203	19.105 ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	76200	17.696 ng/ul	97
39) 2,4,6-Trichlorophenol	12.42	196	98977	19.871 ng/ul	98
40) 2,4,5-Trichlorophenol	12.50	196	105009	19.277 ng/ul	96
41) 1,1'-Biphenyl	12.83	154	379244	18.874 ng/ul	97
42) 2-Chloronaphthalene	12.86	162	295353	18.674 ng/ul	98
43) 2-Nitroaniline	13.09	65	105191	19.782 ng/ul	100
45) Dimethylphthalate	13.49	163	360488	18.599 ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	72886	19.457 ng/ul	96
48) Acenaphthylene	13.72	152	448805	18.728 ng/ul	100
49) 3-Nitroaniline	13.94	138	68627	22.040 ng/ul	92
50) Acenaphthene	14.07	153	308215	18.198 ng/ul	98
51) 2,4-Dinitrophenol	14.16	184	36103	18.551 ng/ul	98
53) 4-Nitrophenol	14.27	109	45901	16.688 ng/ul	97
54) Dibenzofuran	14.42	168	433755	18.049 ng/ul	98
55) 2,4-Dinitrotoluene	14.41	165	104635	18.782 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.66	232	87513	18.662 ng/ul	96
57) Diethylphthalate	14.87	149	368439	18.914 ng/ul	99
59) Fluorene	15.07	166	355370	18.099 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.07	204	184580	18.087 ng/ul	97
61) 4-Nitroaniline	15.11	138	70504m	20.019 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.18	198	47146	15.387 ng/ul	99
65) N-Nitrosodiphenylamine	15.30	169	301783	19.493 ng/ul	99
66) 4-Bromophenyl-phenylether	15.97	248	111074	19.900 ng/ul	98
67) Hexachlorobenzene	16.08	284	121777	19.146 ng/ul	97
68) Atrazine	16.27	200	106247	21.065 ng/ul	98
69) Pentachlorophenol	16.43	266	53322	17.000 ng/ul	99
70) Phenanthrene	16.81	178	528532	18.332 ng/ul	99
72) Anthracene	16.90	178	540156	18.568 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	161154	20.188 ng/uL	98
74) Pentachlorobenzene	14.34	250	148323	19.399 ng/uL	99
75) Carbazole	17.18	167	446838	19.184 ng/ul	99
76) Di-n-butylphthalate	17.76	149	599760	21.282 ng/ul	98
77) Fluoranthene	18.84	202	572708	19.203 ng/ul	100
80) Pyrene	19.20	202	584733	19.796 ng/ul	98
81) Butylbenzylphthalate	20.15	149	246336	23.509 ng/ul	95
82) 3,3'-Dichlorobenzidine	20.92	252	156928	18.679 ng/ul	97
83) Benzo(a)anthracene	20.97	228	542283	18.901 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	396395	25.401 ng/ul	99
85) Chrysene	21.02	228	531053	18.657 ng/ul	99
87) Di-n-octyl phthalate	21.78	149	646656	25.670 ng/ul	100
88) Benzo(b)fluoranthene	22.45	252	534737	19.257 ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	534217	19.410 ng/ul	99
91) Benzo(a)pyrene	22.97	252	478855	19.438 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.08	276	619644	19.273 ng/ul	99
93) Dibenzo(a,h)anthracene	25.09	278	520526	19.218 ng/ul	99
94) Benzo(g,h,i)perylene	25.69	276	515492	19.223 ng/ul	99

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

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