Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027348.D
Acq On : 05 Sep 2020 02:01
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
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9/8/2020 1:45:57 PM

Quant Time: Sep 05 02:38:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 14:46:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	155884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	664582	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	525049	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1294536	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1484704	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1350720	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	23168	6.61	ng/uL	0.00
5) Phenol-d5	6.76	99	220991	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	148447	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	171291	18.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	183121	17.48	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	87714	17.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	96972	17.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	208001	17.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	243319	17.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	707094	16.93	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	812920	17.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	119695	16.27	ng/ul	0.00
58) Fluorene-d10	15.21	176	630996	16.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	125993	15.21	ng/ul	0.00
71) Anthracene-d10	17.06	188	1032011	16.86	ng/ul	0.00
79) Pyrene-d10	19.36	212	1210136	18.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1263746	17.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	26739	6.377	ng/uL	95
4) Benzaldehyde	6.72	77	175633	18.963	ng/ul	96
6) Phenol	6.78	94	232673	17.039	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	195013	17.781	ng/ul	99
10) 2-Chlorophenol	7.14	128	173133	17.643	ng/ul	98
11) 2-Methylphenol	8.02	108	172776	17.142	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	151130	18.274	ng/ul	98
14) Acetophenone	8.39	105	300933	17.110	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.38	70	188052	18.686	ng/ul	98
16) 4-Methylphenol	8.35	108	190446	17.311	ng/ul	99
17) Hexachloroethane	8.64	117	84791	17.367	ng/ul	97
20) Nitrobenzene	8.76	77	273697	16.751	ng/ul	96
21) Isophorone	9.29	82	492261	17.751	ng/ul	99
23) 2-Nitrophenol	9.46	139	106616	17.899	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	233306	17.105	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	278711	17.691	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	204149	17.364	ng/ul	100
28) Naphthalene	10.39	128	600320	17.000	ng/ul	99
30) 4-Chloroaniline	10.50	127	244922	17.411	ng/ul	100
31) Hexachlorobutadiene	10.69	225	155468	16.766	ng/ul	98
32) Caprolactam	11.27	113	62256m	16.701	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	228050	18.212	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	467069	17.495	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	459849	17.309	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	295601	16.748	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	239510	20.739	ng/ul	100
39) 2,4,6-Trichlorophenol	12.63	196	186939	17.417	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	200052	17.257	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	663202	16.795	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	536949	16.709	ng/ul	99
43) 2-Nitroaniline	13.28	65	168110	17.816	ng/ul	99
45) Dimethylphthalate	13.68	163	735026	16.694	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	148450	17.683	ng/ul	96
48) Acenaphthylene	13.93	152	813031	17.065	ng/ul	98
49) 3-Nitroaniline	14.12	138	130474	17.448	ng/ul	99
50) Acenaphthene	14.27	153	577642	16.883	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	151758	28.900	ng/ul	95
53) 4-Nitrophenol	14.44	109	124625	16.253	ng/ul	98
54) Dibenzofuran	14.62	168	847045	16.555	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	226380	17.493	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.84	232	197733	17.211	ng/ul	98
57) Diethylphthalate	15.06	149	777042	16.925	ng/ul	98
59) Fluorene	15.26	166	733392	16.678	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.27	204	400630	16.647	ng/ul	100
61) 4-Nitroaniline	15.29	138	149904	17.270	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.35	198	134882	15.038	ng/ul	100
65) N-Nitrosodiphenylamine	15.48	169	625356	17.131	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	258904	17.277	ng/ul	97
67) Hexachlorobenzene	16.27	284	306012	16.868	ng/ul	95
68) Atrazine	16.44	200	259887	16.433	ng/ul	100
69) Pentachlorophenol	16.62	266	173922	15.621	ng/ul	96
70) Phenanthrene	17.00	178	1237074	16.686	ng/ul	99
72) Anthracene	17.09	178	1250628	16.558	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	288870	16.953	ng/uL	99
74) Pentachlorobenzene	14.54	250	318733	16.962	ng/uL	97
75) Carbazole	17.36	167	1073608	16.794	ng/ul	100
76) Di-n-butylphthalate	17.94	149	1400445	17.639	ng/ul	99
77) Fluoranthene	19.02	202	1559011	17.066	ng/ul	98
80) Pyrene	19.39	202	1628283	18.129	ng/ul	97
81) Butylbenzylphthalate	20.31	149	647582	18.837	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	546411	16.758	ng/ul	99
83) Benzo(a)anthracene	21.14	228	1635625	17.002	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	986961	18.428	ng/ul	99
85) Chrysene	21.19	228	1572210	16.541	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	1669644	19.906	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	1643139	18.426	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	1565825	17.514	ng/ul	99
91) Benzo(a)pyrene	23.23	252	1419117	17.056	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	1452761	13.300	ng/ul	99
93) Dibenzo(a,h)anthracene	25.50	278	1244036	13.466	ng/ul	99
94) Benzo(g,h,i)perylene	26.14	276	1149343	12.590	ng/ul	99

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

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