Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027389.D
Acq On : 11 Sep 2020 00:28
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
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9/11/2020 1:43:44 PM

Quant Time: Sep 11 01:02:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 11 00:29:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	217730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	885947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	626979	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1442999	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1548976	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1311111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	38740	7.92	ng/uL	0.00
5) Phenol-d5	6.75	99	385203	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	250296	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	291504	22.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	305744	20.89	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	144587	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	165232	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	339240	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	397131	21.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1012836	20.30	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1223401	21.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	178806	20.35	ng/ul	0.00
58) Fluorene-d10	15.20	176	896365	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	172127	18.64	ng/ul	0.00
71) Anthracene-d10	17.05	188	1425389	20.89	ng/ul	0.00
79) Pyrene-d10	19.35	212	1650710	23.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1476333	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	42291	7.221	ng/uL	98
4) Benzaldehyde	6.72	77	268064	20.721	ng/ul	92
6) Phenol	6.78	94	409144	21.451	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.00	93	328475	21.442	ng/ul	95
10) 2-Chlorophenol	7.13	128	305826	22.313	ng/ul	99
11) 2-Methylphenol	8.01	108	298936	21.234	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	257885	22.324	ng/ul	97
14) Acetophenone	8.38	105	514772	20.955	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	310442	22.086	ng/ul	99
16) 4-Methylphenol	8.34	108	324674	21.129	ng/ul	97
17) Hexachloroethane	8.63	117	141173	20.702	ng/ul	98
20) Nitrobenzene	8.75	77	435787	20.007	ng/ul	94
21) Isophorone	9.28	82	784310	21.215	ng/ul	99
23) 2-Nitrophenol	9.46	139	184006	23.172	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	388061	21.342	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.76	93	445453	21.210	ng/ul	100
27) 2,4-Dichlorophenol	9.99	162	340724	21.740	ng/ul	99
28) Naphthalene	10.39	128	985512	20.935	ng/ul	99
30) 4-Chloroaniline	10.50	127	409777	21.851	ng/ul	99
31) Hexachlorobutadiene	10.68	225	239717	19.392	ng/ul	98
32) Caprolactam	11.27	113	102109m	20.547	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	357523	21.417	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	758586	21.315	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	705274	19.914 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	467217	22.168 ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	271664	19.699 ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	302612	23.610 ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	326290	23.570 ng/ul	98
41) 1,1'-Biphenyl	13.03	154	1026458	21.768 ng/ul	99
42) 2-Chloronaphthalene	13.07	162	820688	21.386 ng/ul	99
43) 2-Nitroaniline	13.28	65	262398	23.288 ng/ul	93
45) Dimethylphthalate	13.67	163	1061580	20.191 ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	221512	22.096 ng/ul	91
48) Acenaphthylene	13.93	152	1231609	21.648 ng/ul	97
49) 3-Nitroaniline	14.12	138	209276	23.436 ng/ul	95
50) Acenaphthene	14.27	153	862342	21.106 ng/ul	97
51) 2,4-Dinitrophenol	14.33	184	113038	18.027 ng/ul#	87
53) 4-Nitrophenol	14.43	109	172204	18.807 ng/ul	91
54) Dibenzofuran	14.61	168	1253797	20.521 ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	327126	21.169 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.84	232	297533	21.687 ng/ul	98
57) Diethylphthalate	15.05	149	1063757	19.403 ng/ul	99
59) Fluorene	15.26	166	1056952	20.128 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	565690	19.685 ng/ul	98
61) 4-Nitroaniline	15.28	138	224153	21.626 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.35	198	182595	18.263 ng/ul	92
65) N-Nitrosodiphenylamine	15.47	169	904722	22.234 ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	364399	21.815 ng/ul	96
67) Hexachlorobenzene	16.27	284	426749	21.103 ng/ul	96
68) Atrazine	16.44	200	357893	20.302 ng/ul	99
69) Pentachlorophenol	16.61	266	255733	20.606 ng/ul	98
70) Phenanthrene	17.00	178	1723145	20.851 ng/ul	99
72) Anthracene	17.09	178	1752541	20.816 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	466470	24.559 ng/uL	99
74) Pentachlorobenzene	14.53	250	467528	22.320 ng/uL	98
75) Carbazole	17.36	167	1535105	21.542 ng/ul	99
76) Di-n-butylphthalate	17.94	149	1884881	21.298 ng/ul	99
77) Fluoranthene	19.02	202	2140325	21.019 ng/ul	97
80) Pyrene	19.38	202	2179845	23.263 ng/ul	96
81) Butylbenzylphthalate	20.30	149	902123	25.153 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	743832	21.866 ng/ul	99
83) Benzo(a)anthracene	21.14	228	2117606	21.099 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1334963	23.891 ng/ul	99
85) Chrysene	21.19	228	2037459	20.546 ng/ul	99
87) Di-n-octyl phthalate	21.96	149	2238130	27.489 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1957293	22.612 ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	1904847	21.949 ng/ul	100
91) Benzo(a)pyrene	23.23	252	1591244	19.703 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	1732231	16.338 ng/ul	100
93) Dibenzo(a,h)anthracene	25.49	278	1467573	16.365 ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	1389999	15.686 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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