Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026551.D
Acq On : 25 Jun 2020 09:08
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

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6/26/2020 12:19:39 PM

Quant Time: Jun 25 10:56:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 10:53:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	392824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	264763	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	599093	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	680720	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	621257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	21318	8.58	ng/uL	0.00
5) Phenol-d5	6.58	99	174246	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	117861	23.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	131414	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	143771	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	67648	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	75002	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	144500	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	185928	25.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	454148	20.40	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	533173	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	71305	19.31	ng/ul	0.00
58) Fluorene-d10	15.03	176	388934	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	73946	18.86	ng/ul	0.00
71) Anthracene-d10	16.89	188	622189	20.40	ng/ul	0.00
79) Pyrene-d10	19.19	212	717661	19.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	705912	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	23173	8.407	ng/uL	99
4) Benzaldehyde	6.53	77	112556	24.393	ng/ul	98
6) Phenol	6.60	94	191451	21.767	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.82	93	145557	22.113	ng/ul	97
10) 2-Chlorophenol	6.95	128	144742	20.617	ng/ul	99
11) 2-Methylphenol	7.83	108	140171	21.927	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	280100	24.929	ng/ul	98
14) Acetophenone	8.19	105	242175	23.340	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.19	70	142860	23.043	ng/ul	98
16) 4-Methylphenol	8.16	108	159850	23.089	ng/ul	99
17) Hexachloroethane	8.43	117	60679	20.350	ng/ul	91
20) Nitrobenzene	8.56	77	195963	20.638	ng/ul	98
21) Isophorone	9.09	82	367742	20.933	ng/ul	97
23) 2-Nitrophenol	9.26	139	84918	19.866	ng/ul	88
24) 2,4-Dimethylphenol	9.35	107	186654	20.768	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.57	93	206408	20.272	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	147220	20.657	ng/ul	98
28) Naphthalene	10.17	128	479075	20.055	ng/ul	99
30) 4-Chloroaniline	10.30	127	196709	25.757	ng/ul	98
31) Hexachlorobutadiene	10.47	225	95851	20.357	ng/ul	100
32) Caprolactam	11.08	113	48799m	21.773	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	177745	21.450	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	347839	20.719	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	325850	20.879	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	189458	19.584	ng/ul	98
38) Hexachlorocyclopentadiene	12.17	237	69860	14.452	ng/ul	99
39) 2,4,6-Trichlorophenol	12.45	196	123433	19.725	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	134709	19.951	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	461211	19.630	ng/ul	98
42) 2-Chloronaphthalene	12.89	162	355740	19.677	ng/ul	99
43) 2-Nitroaniline	13.11	65	137862	21.160	ng/ul	99
45) Dimethylphthalate	13.50	163	465170	20.121	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	97030	20.188	ng/ul	89
48) Acenaphthylene	13.75	152	568248	19.976	ng/ul	99
49) 3-Nitroaniline	13.95	138	92561	21.450	ng/ul	98
50) Acenaphthene	14.09	153	389662	19.851	ng/ul	99
51) 2,4-Dinitrophenol	14.17	184	37321	15.199	ng/ul	94
53) 4-Nitrophenol	14.29	109	69954	21.704	ng/ul	96
54) Dibenzofuran	14.43	168	564955	20.387	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	147622	21.205	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.67	232	122153	21.182	ng/ul	98
57) Diethylphthalate	14.89	149	479739	20.522	ng/ul	100
59) Fluorene	15.09	166	469273	20.516	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.10	204	237760	20.554	ng/ul	99
61) 4-Nitroaniline	15.13	138	100465m	20.509	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	76350	18.952	ng/ul	94
65) N-Nitrosodiphenylamine	15.32	169	405355	19.694	ng/ul	100
66) 4-Bromophenyl-phenylether	15.99	248	148108	19.707	ng/ul	98
67) Hexachlorobenzene	16.10	284	167405	19.908	ng/ul	99
68) Atrazine	16.29	200	152853	21.792	ng/ul	99
69) Pentachlorophenol	16.45	266	81944	20.386	ng/ul	96
70) Phenanthrene	16.83	178	763198	20.311	ng/ul	99
72) Anthracene	16.92	178	787455	20.446	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	191750	18.907	ng/uL	98
74) Pentachlorobenzene	14.36	250	191670	19.663	ng/uL	99
75) Carbazole	17.20	167	702799	21.960	ng/ul	100
76) Di-n-butylphthalate	17.79	149	848142	20.248	ng/ul	99
77) Fluoranthene	18.86	202	921668	22.452	ng/ul	99
80) Pyrene	19.22	202	968639	19.354	ng/ul	98
81) Butylbenzylphthalate	20.16	149	406068	19.058	ng/ul	93
82) 3,3'-Dichlorobenzidine	20.93	252	312210	19.853	ng/ul	100
83) Benzo(a)anthracene	20.99	228	969940	20.002	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.95	149	630753	19.597	ng/ul	99
85) Chrysene	21.04	228	942749	20.027	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1080447	24.227	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	942473	22.122	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	880433	21.484	ng/ul	98
91) Benzo(a)pyrene	23.00	252	780785	20.803	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	854196	17.364	ng/ul	98
93) Dibenzo(a,h)anthracene	25.12	278	721394	17.574	ng/ul	100
94) Benzo(g,h,i)perylene	25.72	276	688815	16.761	ng/ul	98

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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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