Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027374.D
Acq On : 10 Sep 2020 15:23
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

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Quant Time: Sep 10 15:55:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 10 09:59:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	128457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	533128	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	400651	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	958688	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1079741	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	982917	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	26837	9.30	ng/uL	0.00
5) Phenol-d5	6.75	99	217349	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	148396	21.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	168743	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	178423	20.66	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	85348	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	96590	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	202096	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	232170	20.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	656595	20.60	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	778473	21.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	108865	19.39	ng/ul	0.00
58) Fluorene-d10	15.20	176	589854	20.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	114078	18.59	ng/ul	0.00
71) Anthracene-d10	17.05	188	954434	21.05	ng/ul	0.00
79) Pyrene-d10	19.36	212	1116252	23.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1093663	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27283	7.896	ng/uL	99
4) Benzaldehyde	6.72	77	161281	21.131	ng/ul	98
6) Phenol	6.78	94	242073	21.512	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	192116	21.256	ng/ul	98
10) 2-Chlorophenol	7.14	128	182229	22.535	ng/ul	98
11) 2-Methylphenol	8.01	108	176774	21.283	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	148030	21.720	ng/ul	99
14) Acetophenone	8.38	105	310424	21.418	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	187351	22.591	ng/ul	98
16) 4-Methylphenol	8.34	108	193226	21.313	ng/ul	99
17) Hexachloroethane	8.63	117	82191	20.429	ng/ul	94
20) Nitrobenzene	8.75	77	268107	20.455	ng/ul	97
21) Isophorone	9.28	82	474992	21.351	ng/ul	99
23) 2-Nitrophenol	9.46	139	107212	22.437	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	237208	21.679	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	268547	21.249	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	206942	21.942	ng/ul	95
28) Naphthalene	10.39	128	597925	21.108	ng/ul	100
30) 4-Chloroaniline	10.50	127	244298	21.648	ng/ul	98
31) Hexachlorobutadiene	10.68	225	150531	20.236	ng/ul	97
32) Caprolactam	11.27	113	60290m	20.161	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	220465	21.947	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	466369	21.776	ng/ul	96

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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	12.23	142	433411	20.336	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	291353	21.633	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	172489	19.573	ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	186013	22.711	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	200164	22.628	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	638914	21.203	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	514786	20.993	ng/ul	98
43) 2-Nitroaniline	13.28	65	160826	22.336	ng/ul	95
45) Dimethylphthalate	13.67	163	688923	20.505	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	139075	21.710	ng/ul	96
48) Acenaphthylene	13.93	152	774829	21.312	ng/ul	96
49) 3-Nitroaniline	14.11	138	123256	21.600	ng/ul	98
50) Acenaphthene	14.27	153	553500	21.200	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	72097	17.993	ng/ul	89
53) 4-Nitrophenol	14.43	109	114290	19.533	ng/ul	98
54) Dibenzofuran	14.61	168	813071	20.826	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	207895	21.053	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.84	232	191073	21.795	ng/ul	98
57) Diethylphthalate	15.05	149	711929	20.322	ng/ul	99
59) Fluorene	15.26	166	689766	20.556	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	370050	20.151	ng/ul	99
61) 4-Nitroaniline	15.28	138	136609	20.625	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.35	198	118468	17.835	ng/ul	93
65) N-Nitrosodiphenylamine	15.47	169	597925	22.117	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	239673	21.596	ng/ul	95
67) Hexachlorobenzene	16.27	284	282083	20.996	ng/ul	99
68) Atrazine	16.44	200	234645	20.035	ng/ul	99
69) Pentachlorophenol	16.62	266	166357	20.177	ng/ul	97
70) Phenanthrene	17.00	178	1141268	20.787	ng/ul	100
72) Anthracene	17.09	178	1154727	20.645	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	294571	23.343	ng/uL	98
74) Pentachlorobenzene	14.53	250	301787	21.686	ng/uL	97
75) Carbazole	17.36	167	1020085	21.546	ng/ul	100
76) Di-n-butylphthalate	17.95	149	1267644	21.560	ng/ul	98
77) Fluoranthene	19.02	202	1410459	20.849	ng/ul	98
80) Pyrene	19.39	202	1474410	22.573	ng/ul	98
81) Butylbenzylphthalate	20.31	149	594780	23.791	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.08	252	516044	21.762	ng/ul	99
83) Benzo(a)anthracene	21.14	228	1494053	21.355	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	912976	23.440	ng/ul	99
85) Chrysene	21.19	228	1443832	20.887	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	1561724	25.586	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	1460321	22.503	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	1368663	21.037	ng/ul	99
91) Benzo(a)pyrene	23.23	252	1171736	19.353	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	1208378	15.203	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	1041288	15.489	ng/ul	99
94) Benzo(g,h,i)perylene	26.14	276	950911	14.314	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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