Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028203.D
Acq On : 19 Dec 2020 18:44
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Dec 21 00:49:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 00:33:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	113396	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.03	136	438753	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.83	164	243104	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.55	188	491161	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	482276	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	498032	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	20729	7.27	ng/uL	0.00
5) Phenol-d5	7.34	99	171590	17.96	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	105067	17.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.72	132	148081	18.39	ng/ul	-0.02
13) 4-Methylphenol-d8	8.91	113	138903	17.83	ng/ul	-0.01
19) Nitrobenzene-d5	9.38	128	67603	19.65	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.10	143	70815	20.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.65	165	134674	18.99	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.16	131	149804	17.82	ng/ul	-0.02
44) Dimethylphthalate-d6	14.23	166	351221	18.75	ng/ul	-0.01
47) Acenaphthylene-d8	14.53	160	449050	19.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.00	143	66020	19.39	ng/ul	-0.01
58) Fluorene-d10	15.81	176	308038	18.38	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.92	200	53178	18.18	ng/ul	0.00
71) Anthracene-d10	17.64	188	458629	18.81	ng/ul	-0.01
79) Pyrene-d10	19.90	212	489345	18.19	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.88	264	510183	18.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	21248	7.218	ng/uL	87
4) Benzaldehyde	7.33	77	78471	17.250	ng/ul	97
6) Phenol	7.37	94	172223	18.037	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.61	93	142791	18.020	ng/ul	95
10) 2-Chlorophenol	7.76	128	148786	18.096	ng/ul	99
11) 2-Methylphenol	8.64	108	131347	18.039	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.74	45	222912	16.495	ng/ul	98
14) Acetophenone	9.03	105	202163	17.292	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.02	70	97254	16.536	ng/ul	95
16) 4-Methylphenol	8.97	108	139165	17.795	ng/ul	97
17) Hexachloroethane	9.30	117	64473	18.452	ng/ul	99
20) Nitrobenzene	9.42	77	155648	18.285	ng/ul	98
21) Isophorone	9.95	82	269482	18.212	ng/ul	99
23) 2-Nitrophenol	10.14	139	75984	19.686	ng/ul	95
24) 2,4-Dimethylphenol	10.19	107	149081	18.207	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	177598	17.677	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	130735	18.952	ng/ul	99
28) Naphthalene	11.08	128	462366	18.584	ng/ul	100
30) 4-Chloroaniline	11.19	127	142827	17.628	ng/ul	99
31) Hexachlorobutadiene	11.36	225	85140	18.653	ng/ul	98
32) Caprolactam	11.95	113	36652	18.502	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	129040	17.798	ng/ul	100
34) 2-Methylnaphthalene	12.67	142	306931	18.115	ng/ul	99

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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	12.89	142	357196	18.013	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	152280	19.112	ng/ul	97
38) Hexachlorocyclopentadiene	13.02	237	80564	16.690	ng/ul	99
39) 2,4,6-Trichlorophenol	13.27	196	95786	19.755	ng/ul	99
40) 2,4,5-Trichlorophenol	13.34	196	103232	19.669	ng/ul	98
41) 1,1'-Biphenyl	13.67	154	384975	18.791	ng/ul	99
42) 2-Chloronaphthalene	13.72	162	300753	18.759	ng/ul	99
43) 2-Nitroaniline	13.91	65	78466	18.293	ng/ul	95
45) Dimethylphthalate	14.27	163	350637	18.322	ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	70302	19.323	ng/ul	95
48) Acenaphthylene	14.56	152	453071	19.022	ng/ul	100
49) 3-Nitroaniline	14.72	138	58860	17.978	ng/ul	90
50) Acenaphthene	14.89	153	319720	18.703	ng/ul	100
51) 2,4-Dinitrophenol	14.93	184	35684	17.534	ng/ul	91
53) 4-Nitrophenol	15.02	109	46638	17.599	ng/ul	95
54) Dibenzofuran	15.22	168	433246	18.517	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	102065	19.482	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.44	232	85271	19.560	ng/ul	98
57) Diethylphthalate	15.62	149	355581	18.269	ng/ul	98
59) Fluorene	15.87	166	356484	18.247	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.85	204	173756	18.254	ng/ul	99
61) 4-Nitroaniline	15.87	138	53788	15.992	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.93	198	55374	17.559	ng/ul	98
65) N-Nitrosodiphenylamine	16.06	169	295290	18.481	ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	104934	18.663	ng/ul	98
67) Hexachlorobenzene	16.86	284	120017	18.665	ng/ul	95
68) Atrazine	17.00	200	101878	18.995	ng/ul	99
69) Pentachlorophenol	17.20	266	67520	18.610	ng/ul	97
70) Phenanthrene	17.59	178	551985	18.564	ng/ul	99
72) Anthracene	17.68	178	563464	18.621	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	148923	19.159	ng/uL	99
74) Pentachlorobenzene	15.14	250	142222	18.811	ng/uL	99
75) Carbazole	17.94	167	486029	19.255	ng/ul	100
76) Di-n-butylphthalate	18.48	149	601792	19.369	ng/ul	99
77) Fluoranthene	19.57	202	625644	19.936	ng/ul	98
80) Pyrene	19.93	202	646861	17.798	ng/ul	99
81) Butylbenzylphthalate	20.80	149	272356	19.964	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.57	252	179500	19.432	ng/ul	99
83) Benzo(a)anthracene	21.64	228	600603	18.580	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	404011	20.869	ng/ul	98
85) Chrysene	21.70	228	583659	18.372	ng/ul	99
87) Di-n-octyl phthalate	22.46	149	691595	19.287	ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	609666	18.105	ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	587312	17.586	ng/ul	100
91) Benzo(a)pyrene	23.93	252	556260	18.328	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.46	276	679409	19.601	ng/ul	100
93) Dibenzo(a,h)anthracene	26.47	278	572263	19.478	ng/ul	98
94) Benzo(g,h,i)perylene	27.20	276	574377	19.731	ng/ul	100

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

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