Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028177.D
Acq On : 19 Dec 2020 02:30
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Dec 19 03:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:05:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	172687	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.03	136	704621	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.83	164	399364	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	797827	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	725104	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	729994	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	31331	7.21	ng/uL	0.00
5) Phenol-d5	7.35	99	272866	18.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	169384	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	235722	19.22	ng/ul	-0.01
13) 4-Methylphenol-d8	8.92	113	222677	18.76	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	109464	19.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	116839	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	218884	19.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.16	131	249909	18.51	ng/ul	-0.01
44) Dimethylphthalate-d6	14.23	166	582052	18.92	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	747719	19.37	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.00	143	109440	19.56	ng/ul	0.00
58) Fluorene-d10	15.82	176	504834	18.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	90542	19.06	ng/ul	0.00
71) Anthracene-d10	17.65	188	743554	18.78	ng/ul	0.00
79) Pyrene-d10	19.91	212	766293	18.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	753355	18.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	31873	7.110	ng/uL	89
4) Benzaldehyde	7.33	77	126839	18.309	ng/ul	98
6) Phenol	7.37	94	274990	18.911	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.62	93	222422	18.432	ng/ul	95
10) 2-Chlorophenol	7.76	128	234322	18.715	ng/ul	99
11) 2-Methylphenol	8.65	108	209121	18.859	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	357614	17.377	ng/ul	98
14) Acetophenone	9.04	105	325061	18.257	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.02	70	159542	17.813	ng/ul	94
16) 4-Methylphenol	8.97	108	223367	18.755	ng/ul	96
17) Hexachloroethane	9.30	117	100570	18.900	ng/ul	99
20) Nitrobenzene	9.43	77	254614	18.625	ng/ul	96
21) Isophorone	9.95	82	444692	18.713	ng/ul	99
23) 2-Nitrophenol	10.14	139	124792	20.132	ng/ul	98
24) 2,4-Dimethylphenol	10.19	107	242568	18.447	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.43	93	290993	18.035	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	212021	19.139	ng/ul	99
28) Naphthalene	11.09	128	742239	18.576	ng/ul	100
30) 4-Chloroaniline	11.19	127	237577	18.258	ng/ul	99
31) Hexachlorobutadiene	11.36	225	136580	18.632	ng/ul	100
32) Caprolactam	11.96	113	62906	19.773	ng/ul	92
33) 4-Chloro-3-methylphenol	12.29	107	215363	18.496	ng/ul	99
34) 2-Methylnaphthalene	12.68	142	501159	18.418	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	12.90	142	584446	18.352	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	246302	18.817	ng/ul	98
38) Hexachlorocyclopentadiene	13.02	237	141900	17.894	ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	158633	19.916	ng/ul	96
40) 2,4,5-Trichlorophenol	13.35	196	168336	19.524	ng/ul	98
41) 1,1'-Biphenyl	13.67	154	632739	18.800	ng/ul	100
42) 2-Chloronaphthalene	13.72	162	494293	18.768	ng/ul	99
43) 2-Nitroaniline	13.92	65	134355	19.067	ng/ul	96
45) Dimethylphthalate	14.28	163	580019	18.449	ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	120847	20.219	ng/ul	96
48) Acenaphthylene	14.56	152	746681	19.083	ng/ul	99
49) 3-Nitroaniline	14.73	138	99219	18.447	ng/ul	91
50) Acenaphthene	14.90	153	523419	18.638	ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	64540	19.305	ng/ul	96
53) 4-Nitrophenol	15.02	109	79663	18.299	ng/ul	93
54) Dibenzofuran	15.23	168	709744	18.466	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	169809	19.731	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.44	232	143784	20.077	ng/ul	99
57) Diethylphthalate	15.63	149	587987	18.389	ng/ul	97
59) Fluorene	15.87	166	589344	18.363	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	286880	18.346	ng/ul	98
61) 4-Nitroaniline	15.87	138	89569	16.211	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.94	198	97302	18.994	ng/ul	98
65) N-Nitrosodiphenylamine	16.07	169	489788	18.871	ng/ul	100
66) 4-Bromophenyl-phenylether	16.74	248	174169	19.070	ng/ul	97
67) Hexachlorobenzene	16.86	284	196975	18.859	ng/ul	97
68) Atrazine	17.00	200	168707	19.365	ng/ul	99
69) Pentachlorophenol	17.20	266	114481	19.425	ng/ul	96
70) Phenanthrene	17.60	178	894451	18.519	ng/ul	100
72) Anthracene	17.69	178	917905	18.675	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	241224	19.105	ng/uL	99
74) Pentachlorobenzene	15.14	250	233504	19.013	ng/uL	99
75) Carbazole	17.94	167	786415	19.180	ng/ul	99
76) Di-n-butylphthalate	18.49	149	982966	19.476	ng/ul	99
77) Fluoranthene	19.58	202	993353	19.486	ng/ul	100
80) Pyrene	19.94	202	1018541	18.640	ng/ul	98
81) Butylbenzylphthalate	20.80	149	427375	20.836	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	258107	18.584	ng/ul	99
83) Benzo(a)anthracene	21.64	228	913942	18.805	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	628890	21.606	ng/ul	98
85) Chrysene	21.70	228	886025	18.549	ng/ul	99
87) Di-n-octyl phthalate	22.46	149	1041410	19.814	ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	902102	18.277	ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	874103	17.856	ng/ul	99
91) Benzo(a)pyrene	23.93	252	818129	18.391	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.46	276	980708	19.303	ng/ul	98
93) Dibenzo(a,h)anthracene	26.47	278	827229	19.209	ng/ul	97
94) Benzo(g,h,i)perylene	27.21	276	825238	19.341	ng/ul	99

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

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