Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027330.D
Acq On : 04 Sep 2020 14:57
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV08

Quant Time: Sep 04 15:28:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 14:46:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	112691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	447281	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	314973	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	750194	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	912223	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	951526	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	17936	7.08	ng/uL	0.00
5) Phenol-d5	6.76	99	163253	17.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	123841	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	129435	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	131733	17.39	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	64776	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	72990	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	148646	18.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	179195	19.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	490604	19.58	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	551050	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	78361	17.76	ng/ul	0.00
58) Fluorene-d10	15.21	176	409951	18.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	80885	16.85	ng/ul	0.00
71) Anthracene-d10	17.06	188	671730	18.93	ng/ul	0.00
79) Pyrene-d10	19.36	212	803692	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	980061	19.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	19246	6.349	ng/uL#	88
4) Benzaldehyde	6.72	77	135150	20.185	ng/ul	97
6) Phenol	6.79	94	175275	17.755	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.01	93	145914	18.403	ng/ul	97
10) 2-Chlorophenol	7.14	128	134909	19.017	ng/ul	97
11) 2-Methylphenol	8.02	108	128592	17.648	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.10	45	112066	18.744	ng/ul	97
14) Acetophenone	8.39	105	235521	18.524	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.38	70	138398	19.023	ng/ul	97
16) 4-Methylphenol	8.35	108	139895	17.590	ng/ul	97
17) Hexachloroethane	8.64	117	62802	17.793	ng/ul	98
20) Nitrobenzene	8.76	77	199196	18.114	ng/ul	97
21) Isophorone	9.29	82	348792	18.688	ng/ul	99
23) 2-Nitrophenol	9.46	139	77502	19.332	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	168047	18.306	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	197201	18.599	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	146581	18.525	ng/ul	100
28) Naphthalene	10.39	128	437483	18.408	ng/ul	99
30) 4-Chloroaniline	10.50	127	188539	19.914	ng/ul	95
31) Hexachlorobutadiene	10.69	225	110041	17.632	ng/ul	98
32) Caprolactam	11.27	113	43423	17.308	ng/ul	95
33) 4-Chloro-3-methylphenol	11.64	107	153214	18.180	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	342303	19.051	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	326848	18.280	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	209417	19.779	ng/ul	98
38) Hexachlorocyclopentadiene	12.38	237	123734	17.860	ng/ul	98
39) 2,4,6-Trichlorophenol	12.64	196	125484	19.489	ng/ul	96
40) 2,4,5-Trichlorophenol	12.71	196	133996	19.268	ng/ul	97
41) 1,1'-Biphenyl	13.05	154	466480	19.692	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	365083	18.938	ng/ul	99
43) 2-Nitroaniline	13.29	65	111736	19.740	ng/ul	93
45) Dimethylphthalate	13.68	163	489447	18.531	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	104294	20.709	ng/ul	92
48) Acenaphthylene	13.93	152	572523	20.031	ng/ul	98
49) 3-Nitroaniline	14.12	138	92414	20.601	ng/ul	96
50) Acenaphthene	14.28	153	381533	18.588	ng/ul	96
51) 2,4-Dinitrophenol	14.33	184	49470	15.704	ng/ul	94
53) 4-Nitrophenol	14.44	109	81513	17.721	ng/ul	98
54) Dibenzofuran	14.62	168	573649	18.690	ng/ul	100
55) 2,4-Dinitrotoluene	14.59	165	144069	18.558	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.85	232	136886	19.862	ng/ul	96
57) Diethylphthalate	15.06	149	486441	17.662	ng/ul	99
59) Fluorene	15.27	166	466374	17.679	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.27	204	254934	17.659	ng/ul	99
61) 4-Nitroaniline	15.29	138	101613	19.515	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.35	198	90305	17.374	ng/ul	98
65) N-Nitrosodiphenylamine	15.48	169	412724	19.510	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	159752	18.395	ng/ul	97
67) Hexachlorobenzene	16.28	284	191208	18.187	ng/ul	94
68) Atrazine	16.44	200	153334	16.731	ng/ul	98
69) Pentachlorophenol	16.62	266	113351	17.568	ng/ul	97
70) Phenanthrene	17.00	178	785773	18.289	ng/ul	100
72) Anthracene	17.09	178	805508	18.404	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	207378	21.001	ng/uL	99
74) Pentachlorobenzene	14.54	250	209978	19.282	ng/uL	98
75) Carbazole	17.36	167	710424	19.176	ng/ul	99
76) Di-n-butylphthalate	17.95	149	848168	18.434	ng/ul	98
77) Fluoranthene	19.03	202	1003073	18.948	ng/ul	100
80) Pyrene	19.39	202	1045507	18.946	ng/ul	98
81) Butylbenzylphthalate	20.32	149	405076	19.178	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.09	252	408482	20.390	ng/ul	99
83) Benzo(a)anthracene	21.15	228	1107603	18.739	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	631265	19.183	ng/ul	97
85) Chrysene	21.20	228	1065229	18.240	ng/ul	100
87) Di-n-octyl phthalate	21.97	149	1070624	18.119	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	1195416	19.029	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	1141847	18.129	ng/ul	99
91) Benzo(a)pyrene	23.24	252	1072390	18.296	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.50	276	1366495	17.759	ng/ul	100
93) Dibenzo(a,h)anthracene	25.51	278	1156365	17.768	ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	1145447	17.811	ng/ul	99

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

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