Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028415.D
Acq On : 15 Jan 2021 22:21
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV07

Quant Time: Jan 15 22:51:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:37:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	30862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	122862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	69050	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	134559	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	126059	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	125011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	5840	7.97	ng/uL	0.00
5) Phenol-d5	7.23	99	51812	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31735	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	43938	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	41524	19.51	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	20356	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22577	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	40840	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	50026	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	107193	19.55	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	134867	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	19935	19.41	ng/ul	0.00
58) Fluorene-d10	15.71	176	91713	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	17332	18.72	ng/ul	0.00
71) Anthracene-d10	17.55	188	133768	19.31	ng/ul	0.00
79) Pyrene-d10	19.82	212	137943	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	138781	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	5705	7.544	ng/uL	89
4) Benzaldehyde	7.22	77	25412	19.470	ng/ul	99
6) Phenol	7.26	94	51142	19.507	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.50	93	41762	19.525	ng/ul	98
10) 2-Chlorophenol	7.65	128	44380	19.265	ng/ul	99
11) 2-Methylphenol	8.53	108	39078	19.554	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	70634	19.420	ng/ul	99
14) Acetophenone	8.92	105	61696	19.591	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.90	70	31769	19.884	ng/ul	98
16) 4-Methylphenol	8.86	108	41833	19.667	ng/ul	98
17) Hexachloroethane	9.18	117	19287	18.994	ng/ul	96
20) Nitrobenzene	9.30	77	48466	19.267	ng/ul	98
21) Isophorone	9.83	82	84953	19.407	ng/ul	100
23) 2-Nitrophenol	10.02	139	23681	19.462	ng/ul	97
24) 2,4-Dimethylphenol	10.07	107	45245	19.352	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	54136	19.331	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	38980	19.421	ng/ul	97
28) Naphthalene	10.96	128	137157	19.385	ng/ul	99
30) 4-Chloroaniline	11.07	127	47218	20.190	ng/ul	98
31) Hexachlorobutadiene	11.23	225	25193	19.209	ng/ul	98
32) Caprolactam	11.84	113	11244	19.319	ng/ul	93
33) 4-Chloro-3-methylphenol	12.18	107	40219	19.701	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	92858	19.786	ng/ul	99

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35) 1-Methylnaphthalene	12.78	142	106843	19.512 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	45241	18.994 ng/ul	97
38) Hexachlorocyclopentadiene	12.90	237	24698	17.996 ng/ul	98
39) 2,4,6-Trichlorophenol	13.16	196	29155	19.224 ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	30934	19.192 ng/ul	98
41) 1,1'-Biphenyl	13.56	154	116052	19.238 ng/ul	100
42) 2-Chloronaphthalene	13.61	162	91597	19.398 ng/ul	99
43) 2-Nitroaniline	13.81	65	26490	19.593 ng/ul	97
45) Dimethylphthalate	14.17	163	107847	19.404 ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	22264	19.579 ng/ul	99
48) Acenaphthylene	14.45	152	134928	19.250 ng/ul	99
49) 3-Nitroaniline	14.63	138	19564	18.913 ng/ul	96
50) Acenaphthene	14.79	153	95535	19.178 ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	12127	18.047 ng/ul	98
53) 4-Nitrophenol	14.92	109	15328	19.449 ng/ul	99
54) Dibenzofuran	15.12	168	128234	19.185 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	31085	19.798 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	25299	19.191 ng/ul#	98
57) Diethylphthalate	15.53	149	110541	19.449 ng/ul	100
59) Fluorene	15.77	166	107570	19.561 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	51960	19.226 ng/ul	99
61) 4-Nitroaniline	15.78	138	16052	15.827 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.84	198	18320	18.822 ng/ul	98
65) N-Nitrosodiphenylamine	15.97	169	88117	19.301 ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	31202	19.426 ng/ul	98
67) Hexachlorobenzene	16.76	284	35678	19.416 ng/ul	99
68) Atrazine	16.90	200	30936	19.493 ng/ul	99
69) Pentachlorophenol	17.10	266	19674	18.396 ng/ul	97
70) Phenanthrene	17.49	178	158761	19.108 ng/ul	99
72) Anthracene	17.59	178	165333	19.495 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	44578	19.183 ng/uL	97
74) Pentachlorobenzene	15.04	250	41788	19.161 ng/uL	98
75) Carbazole	17.85	167	140458	19.486 ng/ul	99
76) Di-n-butylphthalate	18.39	149	188976	19.580 ng/ul	99
77) Fluoranthene	19.49	202	180578	19.974 ng/ul	100
80) Pyrene	19.84	202	184480	18.917 ng/ul	99
81) Butylbenzylphthalate	20.71	149	83620	19.145 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.49	252	53911	19.185 ng/ul	98
83) Benzo(a)anthracene	21.56	228	167648	19.136 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	125216	19.109 ng/ul	100
85) Chrysene	21.61	228	162329	19.110 ng/ul	99
87) Di-n-octyl phthalate	22.37	149	211701	20.180 ng/ul	100
88) Benzo(b)fluoranthene	23.19	252	165521	19.558 ng/ul	99
89) Benzo(k)fluoranthene	23.23	252	166311	20.072 ng/ul	99
91) Benzo(a)pyrene	23.79	252	154402	19.760 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.26	276	186392	19.568 ng/ul	99
93) Dibenzo(a,h)anthracene	26.26	278	159559	19.876 ng/ul	99
94) Benzo(g,h,i)perylene	26.98	276	156452	19.686 ng/ul	99

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

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