Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011421\
Data File : BM028397.D
Acq On : 15 Jan 2021 02:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Jan 15 02:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 14 23:05:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47923	20.00	ng/ul	0.01
18) Naphthalene-d8	10.95	136	198414	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.76	164	108004	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	186215	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	128238	20.00	ng/ul	0.00
86) Perylene-d12	23.93	264	135745	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	8096	6.96	ng/uL	0.00
5) Phenol-d5	7.27	99	81958	19.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.45	67	49310	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	68873	19.62	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	67105	19.31	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	33524	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	36417	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	66174	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	78992	19.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.16	166	168539	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.46	160	215852	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	28483	17.54	ng/ul	0.02
58) Fluorene-d10	15.74	176	141284	18.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	16639	13.54	ng/ul	0.01
71) Anthracene-d10	17.58	188	185041	19.53	ng/ul	0.00
79) Pyrene-d10	19.84	212	154050	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.78	264	152550	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	8377	6.977	ng/uL	95
4) Benzaldehyde	7.25	77	28242	14.513	ng/ul	96
6) Phenol	7.30	94	82079	19.490	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.54	93	64962	19.325	ng/ul	98
10) 2-Chlorophenol	7.68	128	69164	19.519	ng/ul	99
11) 2-Methylphenol	8.57	108	63174	19.713	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.66	45	109737	19.605	ng/ul	100
14) Acetophenone	8.96	105	98635	19.258	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.95	70	49951	19.483	ng/ul	100
16) 4-Methylphenol	8.90	108	67605	19.417	ng/ul	95
17) Hexachloroethane	9.22	117	28654	19.193	ng/ul	99
20) Nitrobenzene	9.35	77	77953	19.742	ng/ul	98
21) Isophorone	9.87	82	138978	20.317	ng/ul	99
23) 2-Nitrophenol	10.06	139	37942	20.143	ng/ul	97
24) 2,4-Dimethylphenol	10.11	107	73961	19.692	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.35	93	86867	19.353	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	62437	19.462	ng/ul	100
28) Naphthalene	11.00	128	222190	19.487	ng/ul	100
30) 4-Chloroaniline	11.10	127	75279	19.217	ng/ul	99
31) Hexachlorobutadiene	11.27	225	40193	19.658	ng/ul	99
32) Caprolactam	11.89	113	19008	19.161	ng/ul	97
33) 4-Chloro-3-methylphenol	12.22	107	65552	19.212	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	147740	18.810	ng/ul	99

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35) 1-Methylnaphthalene	12.82	142	172613	18.790	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	72140	20.393	ng/ul	100
38) Hexachlorocyclopentadiene	12.93	237	24050	11.982	ng/ul	99
39) 2,4,6-Trichlorophenol	13.20	196	47056	21.136	ng/ul	98
40) 2,4,5-Trichlorophenol	13.27	196	49769	20.436	ng/ul	97
41) 1,1'-Biphenyl	13.60	154	183938	20.171	ng/ul	99
42) 2-Chloronaphthalene	13.65	162	145095	20.171	ng/ul	99
43) 2-Nitroaniline	13.84	65	42758	20.888	ng/ul	98
45) Dimethylphthalate	14.21	163	170235	19.590	ng/ul	99
46) 2,6-Dinitrotoluene	14.33	165	36042	20.586	ng/ul	98
48) Acenaphthylene	14.49	152	216458	20.001	ng/ul	100
49) 3-Nitroaniline	14.66	138	33507	20.711	ng/ul	94
50) Acenaphthene	14.82	153	149827	19.420	ng/ul	99
51) 2,4-Dinitrophenol	14.87	184	10932	10.745	ng/ul	97
53) 4-Nitrophenol	14.96	109	21562	17.478	ng/ul	94
54) Dibenzofuran	15.15	168	202086	19.159	ng/ul	99
55) 2,4-Dinitrotoluene	15.12	165	47297	18.892	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.37	232	38964	19.152	ng/ul	98
57) Diethylphthalate	15.56	149	169895	19.307	ng/ul	99
59) Fluorene	15.80	166	165903	18.707	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.79	204	80280	18.811	ng/ul	100
61) 4-Nitroaniline	15.81	138	35269	21.016	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.87	198	17750	13.735	ng/ul	97
65) N-Nitrosodiphenylamine	16.00	169	135857	22.338	ng/ul	99
66) 4-Bromophenyl-phenylether	16.67	248	46656	21.789	ng/ul	98
67) Hexachlorobenzene	16.79	284	50412	20.310	ng/ul	98
68) Atrazine	16.93	200	45461	21.623	ng/ul	99
69) Pentachlorophenol	17.13	266	26696	18.642	ng/ul	96
70) Phenanthrene	17.53	178	221819	19.359	ng/ul	99
72) Anthracene	17.62	178	227380	19.387	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	70345	24.239	ng/uL	98
74) Pentachlorobenzene	15.07	250	65088	22.707	ng/uL	100
75) Carbazole	17.88	167	187275	18.926	ng/ul	100
76) Di-n-butylphthalate	18.42	149	260709	21.534	ng/ul	99
77) Fluoranthene	19.51	202	206706	16.784	ng/ul	98
80) Pyrene	19.87	202	205111	20.232	ng/ul	98
81) Butylbenzylphthalate	20.73	149	89558	22.966	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.51	252	40591	15.745	ng/ul	99
83) Benzo(a)anthracene	21.59	228	172480	19.690	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	129000	23.625	ng/ul	99
85) Chrysene	21.63	228	165252	19.343	ng/ul	100
87) Di-n-octyl phthalate	22.39	149	207968	19.537	ng/ul	100
88) Benzo(b)fluoranthene	23.22	252	177985	18.362	ng/ul	99
89) Benzo(k)fluoranthene	23.27	252	174038	18.545	ng/ul	99
91) Benzo(a)pyrene	23.83	252	165820	19.631	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.31	276	207027	23.149	ng/ul	99
93) Dibenzo(a,h)anthracene	26.32	278	174397	23.135	ng/ul	99
94) Benzo(g,h,i)perylene	27.05	276	173170	23.256	ng/ul	99

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

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