Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027325.D
Acq On : 04 Sep 2020 11:39
Operator : JU/CG
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01003

Quant Time: Sep 04 12:54:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 12:49:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	76779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	299704	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	228216	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	572892	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	765299	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	897597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7152	5.28	ng/uL	0.00
5) Phenol-d5	6.76	99	57614	9.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	41616	10.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	44988	9.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	47233	9.45	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	22368	9.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	23344	8.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	52342	9.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	61402	10.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	187938	10.38	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	207195	9.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	27729	9.08	ng/ul	0.00
58) Fluorene-d10	15.21	176	168988	10.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	29637	7.93	ng/ul	0.00
71) Anthracene-d10	17.06	188	274912	10.11	ng/ul	0.00
79) Pyrene-d10	19.36	212	340356	7.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	471994	9.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	9706	6.081	ng/uL	90
4) Benzaldehyde	6.72	77	51853	11.824	ng/ul	97
6) Phenol	6.78	94	62590	9.615	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	52967	10.121	ng/ul	95
10) 2-Chlorophenol	7.15	128	48252	9.853	ng/ul	99
11) 2-Methylphenol	8.02	108	44499	9.193	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	40451	9.983	ng/ul	98
14) Acetophenone	8.39	105	84546	10.558	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	50370	10.447	ng/ul	96
16) 4-Methylphenol	8.35	108	50830	9.793	ng/ul	97
17) Hexachloroethane	8.64	117	25320	10.969	ng/ul	100
20) Nitrobenzene	8.76	77	77458	10.784	ng/ul	100
21) Isophorone	9.29	82	128032	9.891	ng/ul	98
23) 2-Nitrophenol	9.46	139	26117	8.871	ng/ul	91
24) 2,4-Dimethylphenol	9.53	107	64287	10.379	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	73379	9.893	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	54651	9.962	ng/ul	98
28) Naphthalene	10.39	128	164619	10.314	ng/ul	98
30) 4-Chloroaniline	10.50	127	61738	10.124	ng/ul	97
31) Hexachlorobutadiene	10.69	225	45458	11.027	ng/ul	92
32) Caprolactam	11.28	113	14939	9.085	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.64	107	56083	9.778	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	120694	9.955	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	122161	10.323 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	79313	9.720 ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	44812	8.119 ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	46846	9.018 ng/ul	100
40) 2,4,5-Trichlorophenol	12.71	196	50182	9.090 ng/ul	97
41) 1,1'-Biphenyl	13.04	154	179548	10.025 ng/ul	98
42) 2-Chloronaphthalene	13.08	162	144178	10.007 ng/ul	98
43) 2-Nitroaniline	13.29	65	38696	8.912 ng/ul	99
45) Dimethylphthalate	13.68	163	199372	10.609 ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	35142	9.074 ng/ul	97
48) Acenaphthylene	13.93	152	212512	9.929 ng/ul	98
49) 3-Nitroaniline	14.12	138	27707	8.391 ng/ul	97
50) Acenaphthene	14.28	153	153793	10.256 ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	15919	7.158 ng/ul#	87
53) 4-Nitrophenol	14.43	109	32079	11.079 ng/ul	95
54) Dibenzofuran	14.62	168	233645	10.854 ng/ul	96
55) 2,4-Dinitrotoluene	14.58	165	55516	10.068 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	49894	10.092 ng/ul#	96
57) Diethylphthalate	15.06	149	206640	11.030 ng/ul	99
59) Fluorene	15.27	166	195351	10.702 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	108930	10.921 ng/ul	97
61) 4-Nitroaniline	15.29	138	33238	9.100 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.35	198	33078	8.154 ng/ul#	99
65) N-Nitrosodiphenylamine	15.48	169	167694	9.720 ng/ul	100
66) 4-Bromophenyl-phenylether	16.16	248	67643	9.418 ng/ul	97
67) Hexachlorobenzene	16.27	284	82353	10.044 ng/ul	97
68) Atrazine	16.44	200	66746	9.427 ng/ul	99
69) Pentachlorophenol	16.62	266	41493	8.618 ng/ul	98
70) Phenanthrene	17.00	178	335846	10.271 ng/ul	100
72) Anthracene	17.09	178	340216	10.214 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	78890	8.868 ng/uL	97
74) Pentachlorobenzene	14.54	250	86413	9.405 ng/uL	94
75) Carbazole	17.36	167	279739	10.188 ng/ul	97
76) Di-n-butylphthalate	17.94	149	353272	10.054 ng/ul	99
77) Fluoranthene	19.03	202	428431	10.937 ng/ul	99
80) Pyrene	19.39	202	466359	7.900 ng/ul	99
81) Butylbenzylphthalate	20.32	149	166341	7.454 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.09	252	145844	8.180 ng/ul	98
83) Benzo(a)anthracene	21.14	228	504548	9.942 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	271812	8.612 ng/ul	99
85) Chrysene	21.20	228	501341	10.319 ng/ul	99
87) Di-n-octyl phthalate	21.97	149	481201	6.881 ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	573603	8.964 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	598489	9.706 ng/ul	98
91) Benzo(a)pyrene	23.24	252	555644	9.894 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.50	276	729059	11.270 ng/ul	99
93) Dibenzo(a,h)anthracene	25.51	278	609255	11.100 ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	616380	11.652 ng/ul	99

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

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