Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011421\
Data File : BM028389.D
Acq On : 14 Jan 2021 16:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Jan 14 17:28:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 14 17:28:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	115917	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	72207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	154076	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	136771	20.00	ng/ul	0.00
86) Perylene-d12	23.93	264	114395	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	4766	7.46	ng/uL	0.00
5) Phenol-d5	7.26	99	44644	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	27334	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	37721	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	37841	19.80	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17974	18.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	19018	18.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	37520	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	48057	20.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.16	166	110625	19.44	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	140235	19.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	19865	18.30	ng/ul	0.00
58) Fluorene-d10	15.74	176	99365	19.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	17736	17.44	ng/ul	0.00
71) Anthracene-d10	17.57	188	152492	19.45	ng/ul	0.00
79) Pyrene-d10	19.84	212	160737	19.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.77	264	127981	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	4973	7.533	ng/uL	95
4) Benzaldehyde	7.25	77	16095	15.043	ng/ul	97
6) Phenol	7.29	94	45044	19.453	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.53	93	35513	19.215	ng/ul	97
10) 2-Chlorophenol	7.67	128	37760	19.382	ng/ul	99
11) 2-Methylphenol	8.56	108	34624	19.650	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.65	45	63518	20.640	ng/ul	98
14) Acetophenone	8.95	105	57365	20.370	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	28618	20.301	ng/ul	92
16) 4-Methylphenol	8.89	108	38543	20.133	ng/ul	92
17) Hexachloroethane	9.21	117	16506	20.109	ng/ul	97
20) Nitrobenzene	9.34	77	46062	19.968	ng/ul	99
21) Isophorone	9.86	82	79382	19.864	ng/ul	99
23) 2-Nitrophenol	10.05	139	20839	18.937	ng/ul	97
24) 2,4-Dimethylphenol	10.10	107	43961	20.035	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.34	93	50646	19.314	ng/ul	99
27) 2,4-Dichlorophenol	10.58	162	36609	19.533	ng/ul	99
28) Naphthalene	10.99	128	128783	19.333	ng/ul	99
30) 4-Chloroaniline	11.10	127	47147	20.601	ng/ul	99
31) Hexachlorobutadiene	11.27	225	23662	19.809	ng/ul	98
32) Caprolactam	11.87	113	10790	18.618	ng/ul	93
33) 4-Chloro-3-methylphenol	12.20	107	40269	20.201	ng/ul	98
34) 2-Methylnaphthalene	12.59	142	90350	19.690	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	106645	19.871 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	44263	18.716 ng/ul	99
38) Hexachlorocyclopentadiene	12.93	237	24409	18.189 ng/ul	99
39) 2,4,6-Trichlorophenol	13.19	196	28601	19.215 ng/ul	96
40) 2,4,5-Trichlorophenol	13.26	196	31027	19.056 ng/ul	99
41) 1,1'-Biphenyl	13.59	154	118057	19.364 ng/ul	99
42) 2-Chloronaphthalene	13.64	162	91955	19.121 ng/ul	99
43) 2-Nitroaniline	13.83	65	27595	20.164 ng/ul	93
45) Dimethylphthalate	14.20	163	114254	19.666 ng/ul	100
46) 2,6-Dinitrotoluene	14.33	165	22991	19.642 ng/ul	99
48) Acenaphthylene	14.48	152	141677	19.582 ng/ul	99
49) 3-Nitroaniline	14.65	138	19223	17.772 ng/ul#	92
50) Acenaphthene	14.82	153	100522	19.488 ng/ul	99
51) 2,4-Dinitrophenol	14.86	184	11141	16.379 ng/ul	94
53) 4-Nitrophenol	14.94	109	17843	21.634 ng/ul	89
54) Dibenzofuran	15.15	168	137912	19.557 ng/ul	97
55) 2,4-Dinitrotoluene	15.11	165	32863	19.634 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.37	232	26297	19.334 ng/ul	95
57) Diethylphthalate	15.56	149	118901	20.211 ng/ul	99
59) Fluorene	15.79	166	117396	19.800 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.78	204	55865	19.579 ng/ul	96
61) 4-Nitroaniline	15.80	138	18060	16.097 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.87	198	18795	17.577 ng/ul	94
65) N-Nitrosodiphenylamine	15.99	169	97129	19.301 ng/ul	100
66) 4-Bromophenyl-phenylether	16.67	248	34081	19.236 ng/ul	96
67) Hexachlorobenzene	16.79	284	38738	18.862 ng/ul	99
68) Atrazine	16.93	200	33241	19.109 ng/ul	100
69) Pentachlorophenol	17.13	266	21565	18.200 ng/ul	96
70) Phenanthrene	17.52	178	185105	19.524 ng/ul	100
72) Anthracene	17.61	178	189965	19.576 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	44374	18.480 ng/uL	98
74) Pentachlorobenzene	15.07	250	44112	18.599 ng/uL	100
75) Carbazole	17.87	167	161130	19.680 ng/ul	100
76) Di-n-butylphthalate	18.42	149	199674	19.933 ng/ul	99
77) Fluoranthene	19.51	202	207134	20.327 ng/ul	99
80) Pyrene	19.87	202	214133	19.804 ng/ul	98
81) Butylbenzylphthalate	20.73	149	85573	20.575 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.51	252	50187	18.253 ng/ul#	99
83) Benzo(a)anthracene	21.58	228	181949	19.475 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	116825	20.060 ng/ul	100
85) Chrysene	21.64	228	177749	19.508 ng/ul	100
87) Di-n-octyl phthalate	22.39	149	177650	19.804 ng/ul	100
88) Benzo(b)fluoranthene	23.22	252	165341	20.241 ng/ul	98
89) Benzo(k)fluoranthene	23.27	252	153523	19.412 ng/ul	99
91) Benzo(a)pyrene	23.83	252	141682	19.904 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.30	276	153227	20.331 ng/ul	97
93) Dibenzo(a,h)anthracene	26.31	278	129061	20.316 ng/ul	99
94) Benzo(g,h,i)perylene	27.03	276	129086	20.571 ng/ul	98

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

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