Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028232.D
Acq On : 22 Dec 2020 06:45
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Dec 22 14:25:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 09:49:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	142332	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	580769	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	325145	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	625347	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	527363	20.00	ng/ul	0.00
86) Perylene-d12	24.02	264	509731	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	26351	7.36	ng/uL	0.00
5) Phenol-d5	7.33	99	223455	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	140177	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	191941	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	179870	18.39	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	87869	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	94660	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	178431	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	199457	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	470456	18.78	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	603535	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	84387	18.53	ng/ul	0.00
58) Fluorene-d10	15.81	176	411457	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	68680	18.44	ng/ul	0.00
71) Anthracene-d10	17.64	188	582638	18.77	ng/ul	0.00
79) Pyrene-d10	19.90	212	577009	19.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	526213	18.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	26156	7.079	ng/uL	90
4) Benzaldehyde	7.32	77	91821	16.081	ng/ul	98
6) Phenol	7.36	94	223125	18.617	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.60	93	184895	18.590	ng/ul	96
10) 2-Chlorophenol	7.75	128	192051	18.610	ng/ul	99
11) 2-Methylphenol	8.64	108	171259	18.739	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.73	45	298144	17.577	ng/ul	99
14) Acetophenone	9.03	105	266214	18.141	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.02	70	130633	17.696	ng/ul	96
16) 4-Methylphenol	8.97	108	180940	18.433	ng/ul	98
17) Hexachloroethane	9.30	117	80801	18.423	ng/ul	99
20) Nitrobenzene	9.42	77	208385	18.494	ng/ul	99
21) Isophorone	9.95	82	363303	18.549	ng/ul	99
23) 2-Nitrophenol	10.13	139	101494	19.865	ng/ul	97
24) 2,4-Dimethylphenol	10.18	107	198431	18.308	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.42	93	242922	18.266	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	172784	18.923	ng/ul	97
28) Naphthalene	11.08	128	609273	18.500	ng/ul	99
30) 4-Chloroaniline	11.18	127	193922	18.082	ng/ul	99
31) Hexachlorobutadiene	11.36	225	111088	18.386	ng/ul	99
32) Caprolactam	11.95	113	47734	18.204	ng/ul	94
33) 4-Chloro-3-methylphenol	12.28	107	173545	18.083	ng/ul	98
34) 2-Methylnaphthalene	12.67	142	409086	18.240	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	477706	18.199 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	203168	19.065 ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	111095	17.207 ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	128368	19.795 ng/ul	96
40) 2,4,5-Trichlorophenol	13.33	196	134491	19.159 ng/ul	98
41) 1,1'-Biphenyl	13.67	154	513823	18.752 ng/ul	99
42) 2-Chloronaphthalene	13.72	162	402777	18.784 ng/ul	99
43) 2-Nitroaniline	13.90	65	107379	18.717 ng/ul	99
45) Dimethylphthalate	14.27	163	470115	18.366 ng/ul	99
46) 2,6-Dinitrotoluene	14.40	165	96007	19.730 ng/ul	96
48) Acenaphthylene	14.55	152	606134	19.027 ng/ul	99
49) 3-Nitroaniline	14.72	138	77433	17.683 ng/ul	94
50) Acenaphthene	14.89	153	426883	18.670 ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	46646	17.138 ng/ul	96
53) 4-Nitrophenol	15.01	109	60987	17.206 ng/ul	95
54) Dibenzofuran	15.22	168	572606	18.298 ng/ul	96
55) 2,4-Dinitrotoluene	15.17	165	131799	18.810 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.44	232	114002	19.552 ng/ul	98
57) Diethylphthalate	15.62	149	473250	18.179 ng/ul	98
59) Fluorene	15.86	166	472487	18.083 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.85	204	232342	18.250 ng/ul	98
61) 4-Nitroaniline	15.87	138	66910	14.874 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	72966	18.172 ng/ul	99
65) N-Nitrosodiphenylamine	16.06	169	390804	19.211 ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	138971	19.413 ng/ul	96
67) Hexachlorobenzene	16.86	284	155406	18.983 ng/ul	98
68) Atrazine	16.99	200	130610	19.127 ng/ul	99
69) Pentachlorophenol	17.19	266	85675	18.547 ng/ul	98
70) Phenanthrene	17.59	178	707621	18.691 ng/ul	99
72) Anthracene	17.68	178	724873	18.815 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	198802	20.088 ng/uL	98
74) Pentachlorobenzene	15.14	250	188526	19.584 ng/uL	99
75) Carbazole	17.94	167	601453	18.715 ng/ul	99
76) Di-n-butylphthalate	18.48	149	761988	19.262 ng/ul	99
77) Fluoranthene	19.57	202	752038	18.821 ng/ul	99
80) Pyrene	19.93	202	766118	19.277 ng/ul	99
81) Butylbenzylphthalate	20.79	149	312272	20.933 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.57	252	190921	18.901 ng/ul	99
83) Benzo(a)anthracene	21.64	228	658734	18.636 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	447050	21.118 ng/ul	99
85) Chrysene	21.70	228	642401	18.492 ng/ul	99
87) Di-n-octyl phthalate	22.46	149	727498	19.822 ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	630379	18.290 ng/ul	99
89) Benzo(k)fluoranthene	23.35	252	624041	18.257 ng/ul	99
91) Benzo(a)pyrene	23.92	252	571539	18.399 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.45	276	687895	19.390 ng/ul	98
93) Dibenzo(a,h)anthracene	26.46	278	579028	19.256 ng/ul	99
94) Benzo(g,h,i)perylene	27.20	276	577322	19.377 ng/ul	99

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

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