Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028089.D
Acq On : 09 Dec 2020 03:12
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020004

Quant Time: Dec 09 04:20:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	192382	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	800945	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	461006	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	941251	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	865543	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	868025	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	39511	7.85	ng/uL	0.00
4) Pyridine-d5	3.92	84	288568	20.97	ng/ul	0.00
7) Phenol-d5	7.41	99	355761	21.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	225394	21.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	303747	22.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	293029	21.86	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	141896	21.96	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	151186	22.72	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	292897	22.40	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	411104	22.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	807214	22.02	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1003815	22.54	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	152110	22.03	ng/ul	0.00
60) Fluorene-d10	15.88	176	695217	21.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	119170	20.72	ng/ul	0.00
73) Anthracene-d10	17.72	188	1035100	22.09	ng/ul	0.00
81) Pyrene-d10	19.97	212	1074693	22.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1053705	22.17	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	42645	8.091	ng/uL	95
5) Pyridine	3.95	79	288028	20.874	ng/ul	94
6) Benzaldehyde	7.40	77	117490	18.323	ng/ul	98
8) Phenol	7.44	94	361825	21.858	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.68	93	303449	21.502	ng/ul	99
12) 2-Chlorophenol	7.83	128	312314	22.059	ng/ul	100
13) 2-Methylphenol	8.72	108	276176	21.677	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.80	45	501085	21.437	ng/ul	99
16) Acetophenone	9.11	105	442938	21.771	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.09	70	223715	22.524	ng/ul	99
18) 4-Methylphenol	9.05	108	300408	21.801	ng/ul	98
19) Hexachloroethane	9.38	117	132650	21.849	ng/ul	98
22) Nitrobenzene	9.50	77	338293	21.563	ng/ul	100
23) Isophorone	10.03	82	625753	22.520	ng/ul	97
25) 2-Nitrophenol	10.22	139	167582	22.722	ng/ul	96
26) 2,4-Dimethylphenol	10.26	107	328246	22.036	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	408225	21.702	ng/ul	100
29) 2,4-Dichlorophenol	10.75	162	285986	22.212	ng/ul	96
30) Naphthalene	11.16	128	1000752	21.628	ng/ul	99
32) 4-Chloroaniline	11.26	127	398152	22.429	ng/ul	100
33) Hexachlorobutadiene	11.45	225	181599	21.643	ng/ul	99
34) Caprolactam	12.03	113	89155	22.065	ng/ul	90

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35) 4-Chloro-3-methylphenol	12.36	107	294866	22.275	ng/ul	96
36) 2-Methylnaphthalene	12.75	142	682020	21.686	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	659653	21.809	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	342340	22.012	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	194067	21.284	ng/ul	100
41) 2,4,6-Trichlorophenol	13.35	196	219518	22.986	ng/ul	99
42) 2,4,5-Trichlorophenol	13.41	196	230612	22.350	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	880489	22.042	ng/ul	100
44) 2-Chloronaphthalene	13.79	162	679209	21.718	ng/ul	99
45) 2-Nitroaniline	13.98	65	185720	22.644	ng/ul	98
47) Dimethylphthalate	14.35	163	830338	21.986	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	169291	23.377	ng/ul	93
50) Acenaphthylene	14.63	152	1028460	22.321	ng/ul	100
51) 3-Nitroaniline	14.79	138	144056	21.248	ng/ul	98
52) Acenaphthene	14.97	153	728478	21.925	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	80640	19.362	ng/ul	93
55) 4-Nitrophenol	15.08	109	110396	21.625	ng/ul	96
56) Dibenzofuran	15.29	168	995036	21.984	ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	236799	23.278	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.51	232	198228	22.717	ng/ul	97
59) Diethylphthalate	15.69	149	848541	22.039	ng/ul	100
61) Fluorene	15.94	166	824922	21.896	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.92	204	404393	21.779	ng/ul	99
63) 4-Nitroaniline	15.94	138	70811	12.646	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	16.00	198	131190	20.993	ng/ul	97
67) N-Nitrosodiphenylamine	16.13	169	689556	22.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	247223	22.330	ng/ul	97
69) Hexachlorobenzene	16.93	284	278441	22.056	ng/ul	98
70) Atrazine	17.06	200	244663	22.019	ng/ul	100
71) Pentachlorophenol	17.27	266	157752	21.640	ng/ul	99
72) Phenanthrene	17.66	178	1263027	21.751	ng/ul	100
74) Anthracene	17.75	178	1293302	21.852	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	333124	22.033	ng/uL	99
76) Pentachlorobenzene	15.22	250	333388	22.191	ng/uL	99
77) Carbazole	18.01	167	1111556	22.118	ng/ul	100
78) Di-n-butylphthalate	18.55	149	1462205	22.350	ng/ul	100
80) Fluoranthene	19.64	202	1418040	23.180	ng/ul	98
82) Pyrene	20.00	202	1444097	22.789	ng/ul	99
83) Butylbenzylphthalate	20.86	149	638301	23.974	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.63	252	433017	22.159	ng/ul	100
85) Benzo(a)anthracene	21.71	228	1305848	22.153	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	960066	23.549	ng/ul	98
87) Chrysene	21.76	228	1271769	22.005	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	1592557	22.908	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1311219	21.962	ng/ul	98
91) Benzo(k)fluoranthene	23.44	252	1252519	21.705	ng/ul	99
93) Benzo(a)pyrene	24.02	252	1174619	21.988	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	1414914	22.231	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	1195603	22.090	ng/ul	100
96) Benzo(g,h,i)perylene	27.37	276	1190589	22.304	ng/ul	99

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

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