Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023423.D
Acq On : 28 Oct 2019 17:23
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Oct 28 17:56:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	430455	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1714134	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1030135	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2068602	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	2077856	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2431885	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	73049	8.06	ng/uL	0.00
5) Phenol-d5	6.81	99	687338	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	401562	18.95	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	554643	19.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	533342	18.16	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	267971	20.77	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	288389	20.14	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	555745	19.75	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	604140	18.67	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1512293	19.33	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	1824302	20.36	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	265136	19.56	ng/ul	0.00
58) Fluorene-d10	15.27	176	1297321	19.58	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	214606	16.66	ng/ul	0.00
71) Anthracene-d10	17.12	188	1981862	20.27	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2141000	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2468133	19.92	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	80189	8.315	ng/uL	100
4) Benzaldehyde	6.77	77	309142	14.852	ng/ul	96
6) Phenol	6.84	94	711111	19.101	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.06	93	559546	19.275	ng/ul	100
10) 2-Chlorophenol	7.20	128	579097	19.558	ng/ul	100
11) 2-Methylphenol	8.07	108	531723	18.679	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.16	45	770158	18.579	ng/ul	98
14) Acetophenone	8.45	105	853535	18.606	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.44	70	443623	17.117	ng/ul	99
16) 4-Methylphenol	8.40	108	567826	18.196	ng/ul	98
17) Hexachloroethane	8.70	117	243103	19.728	ng/ul	98
20) Nitrobenzene	8.82	77	633630	20.046	ng/ul	96
21) Isophorone	9.35	82	1189863	18.789	ng/ul	99
23) 2-Nitrophenol	9.53	139	317458	20.296	ng/ul	97
24) 2,4-Dimethylphenol	9.60	107	626632	19.400	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	742738	19.071	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	546472	19.690	ng/ul	100
28) Naphthalene	10.46	128	1782357	20.287	ng/ul	99
30) 4-Chloroaniline	10.57	127	630652	18.799	ng/ul	98
31) Hexachlorobutadiene	10.75	225	365691	20.187	ng/ul	99
32) Caprolactam	11.35	113	165315	19.403	ng/ul	94
33) 4-Chloro-3-methylphenol	11.71	107	556541	18.187	ng/ul	97
34) 2-Methylnaphthalene	12.08	142	1284507	19.140	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1220576	18.847	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	676499	20.794	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	361864	16.769	ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	432776	20.417	ng/ul	100
40) 2,4,5-Trichlorophenol	12.77	196	454143	19.970	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1633945	20.455	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1268405	20.837	ng/ul	100
43) 2-Nitroaniline	13.34	65	339083	19.936	ng/ul	100
45) Dimethylphthalate	13.74	163	1531718	19.502	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	302175	19.420	ng/ul	97
48) Acenaphthylene	13.99	152	1900288	20.457	ng/ul	99
49) 3-Nitroaniline	14.18	138	256777	18.264	ng/ul	95
50) Acenaphthene	14.34	153	1314545	20.117	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	154891	16.514	ng/ul	92
53) 4-Nitrophenol	14.50	109	202257	18.746	ng/ul	91
54) Dibenzofuran	14.68	168	1873296	20.018	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	437249	19.385	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.91	232	398424	19.208	ng/ul	96
57) Diethylphthalate	15.12	149	1521118	19.199	ng/ul	99
59) Fluorene	15.33	166	1502513	19.692	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	784049	19.441	ng/ul	100
61) 4-Nitroaniline	15.34	138	289833	18.469	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	238305	16.851	ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	1322052	20.260	ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	517790	19.605	ng/ul	99
67) Hexachlorobenzene	16.34	284	601977	19.915	ng/ul	98
68) Atrazine	16.50	200	470454	19.727	ng/ul	99
69) Pentachlorophenol	16.68	266	329145	18.333	ng/ul	97
70) Phenanthrene	17.06	178	2353224	20.356	ng/ul	100
72) Anthracene	17.16	178	2417239	20.638	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	656793	21.193	ng/uL	98
74) Pentachlorobenzene	14.60	250	673532	20.281	ng/uL	99
75) Carbazole	17.43	167	2149526	21.769	ng/ul	100
76) Di-n-butylphthalate	18.01	149	2592778	20.920	ng/ul	100
77) Fluoranthene	19.09	202	2764035	22.922	ng/ul	98
80) Pyrene	19.45	202	2826797	19.266	ng/ul	99
81) Butylbenzylphthalate	20.37	149	1196788	19.922	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.14	252	904661	18.204	ng/ul	99
83) Benzo(a)anthracene	21.20	228	2803925	20.177	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1765772	20.967	ng/ul	99
85) Chrysene	21.26	228	2650531	20.671	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	2947598	20.607	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2950620	18.891	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	2856016	19.473	ng/ul	99
91) Benzo(a)pyrene	23.32	252	2828415	20.003	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	3516230	22.966	ng/ul	100
93) Dibenzo(a,h)anthracene	25.63	278	2941189	22.782	ng/ul	100
94) Benzo(g,h,i)perylene	26.29	276	2929915	23.521	ng/ul	100

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

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