Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023348.D
Acq On : 23 Oct 2019 18:59
Operator : JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV13

Quant Time: Oct 23 19:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	544956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2494711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1719657	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3544566	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	3202440	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2996804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	94876	8.27	ng/uL	0.00
5) Phenol-d5	6.82	99	937174	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	559519	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	729756	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	792390	21.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	383676	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	422703	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	840879	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	903226	19.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2618386	20.05	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	3055143	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	457457	20.22	ng/ul	0.00
58) Fluorene-d10	15.29	176	2215157	20.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	413734	18.75	ng/ul	0.00
71) Anthracene-d10	17.13	188	3400774	20.30	ng/ul	0.00
79) Pyrene-d10	19.43	212	3606789	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3092987	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	97739	8.005	ng/uL	94
4) Benzaldehyde	6.79	77	416882	15.820	ng/ul	98
6) Phenol	6.85	94	972116	20.626	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	768988	20.924	ng/ul	99
10) 2-Chlorophenol	7.21	128	764562	20.396	ng/ul	99
11) 2-Methylphenol	8.09	108	747525	20.743	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1115976	21.265	ng/ul	99
14) Acetophenone	8.46	105	1262914	21.746	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	703564	21.443	ng/ul	98
16) 4-Methylphenol	8.42	108	838548	21.226	ng/ul	99
17) Hexachloroethane	8.72	117	317097	20.326	ng/ul	97
20) Nitrobenzene	8.83	77	937472	20.379	ng/ul	98
21) Isophorone	9.36	82	1917893	20.810	ng/ul	99
23) 2-Nitrophenol	9.54	139	471940	20.731	ng/ul	97
24) 2,4-Dimethylphenol	9.61	107	968292	20.598	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	1158879	20.445	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	829193	20.529	ng/ul	100
28) Naphthalene	10.47	128	2599299	20.329	ng/ul	100
30) 4-Chloroaniline	10.58	127	932595	19.101	ng/ul	98
31) Hexachlorobutadiene	10.77	225	528705	20.054	ng/ul	99
32) Caprolactam	11.36	113	264515	21.332	ng/ul	98
33) 4-Chloro-3-methylphenol	11.72	107	924101	20.750	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	1985938	20.333	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1929633	20.472 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	1086553	20.007 ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	668198	18.549 ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	716081	20.237 ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	777800	20.488 ng/ul	98
41) 1,1'-Biphenyl	13.12	154	2678002	20.083 ng/ul	100
42) 2-Chloronaphthalene	13.16	162	2044155	20.116 ng/ul	99
43) 2-Nitroaniline	13.36	65	584654	20.591 ng/ul	100
45) Dimethylphthalate	13.76	163	2661140	20.296 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	535297	20.608 ng/ul	99
48) Acenaphthylene	14.01	152	3148943	20.306 ng/ul	100
49) 3-Nitroaniline	14.19	138	413760	17.629 ng/ul	99
50) Acenaphthene	14.35	153	2201478	20.181 ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	287191	18.342 ng/ul	99
53) 4-Nitrophenol	14.51	109	370276	20.558 ng/ul	97
54) Dibenzofuran	14.69	168	3153431	20.186 ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	773072	20.531 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	696512	20.115 ng/ul	95
57) Diethylphthalate	15.13	149	2674483	20.221 ng/ul	100
59) Fluorene	15.34	166	2568395	20.164 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	1360817	20.213 ng/ul	99
61) 4-Nitroaniline	15.35	138	459215	17.529 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	467019	19.273 ng/ul#	97
65) N-Nitrosodiphenylamine	15.55	169	2261597	20.227 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	913902	20.194 ng/ul	98
67) Hexachlorobenzene	16.35	284	1048245	20.239 ng/ul	98
68) Atrazine	16.52	200	818425	20.028 ng/ul	98
69) Pentachlorophenol	16.69	266	596672	19.396 ng/ul	100
70) Phenanthrene	17.07	178	4037680	20.384 ng/ul	99
72) Anthracene	17.17	178	4167718	20.766 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	1068003	20.111 ng/uL	98
74) Pentachlorobenzene	14.62	250	1145647	20.133 ng/uL	99
75) Carbazole	17.43	167	3618613	21.387 ng/ul	99
76) Di-n-butylphthalate	18.02	149	4397810	20.709 ng/ul	99
77) Fluoranthene	19.10	202	4639942	22.457 ng/ul	100
80) Pyrene	19.46	202	4689899	20.739 ng/ul	100
81) Butylbenzylphthalate	20.38	149	1861015	20.101 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	1327902	17.337 ng/ul	98
83) Benzo(a)anthracene	21.21	228	4379568	20.448 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2559250	19.717 ng/ul	99
85) Chrysene	21.26	228	4003109	20.256 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	3861167	21.906 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	3935602	20.448 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	3706858	20.510 ng/ul	99
91) Benzo(a)pyrene	23.33	252	3535351	20.289 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	3684873	19.531 ng/ul	99
93) Dibenzo(a,h)anthracene	25.64	278	3101980	19.498 ng/ul	98
94) Benzo(g,h,i)perylene	26.30	276	2973942	19.374 ng/ul	99

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

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