Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023149.D
Acq On : 14 Oct 2019 17:40
Operator : JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01002

Quant Time: Oct 15 01:50:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	278614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1182234	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	774999	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1687908	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1917300	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2359903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	24819	3.85	ng/uL	0.00
5) Phenol-d5	6.86	99	230546	9.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	132825	9.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	176056	8.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	184336	9.15	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	74531	8.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	67472	6.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	187729	9.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	227935	9.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	581495	9.67	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	685901	9.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	81074	6.82	ng/ul	0.00
58) Fluorene-d10	15.33	176	498869	9.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	39691	3.61	ng/ul	0.00
71) Anthracene-d10	17.17	188	798977	9.69	ng/ul	0.00
79) Pyrene-d10	19.47	212	911701	8.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1148365	9.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	24930	3.912	ng/uL#	69
4) Benzaldehyde	6.83	77	167741	15.035	ng/ul	99
6) Phenol	6.88	94	238273	9.233	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	180026	9.224	ng/ul	99
10) 2-Chlorophenol	7.26	128	187757	8.830	ng/ul	96
11) 2-Methylphenol	8.13	108	183105	9.206	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	263206	10.199	ng/ul	98
14) Acetophenone	8.50	105	299520	9.721	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.50	70	164391	10.388	ng/ul	97
16) 4-Methylphenol	8.46	108	196966	8.956	ng/ul	96
17) Hexachloroethane	8.77	117	77551	9.597	ng/ul	97
20) Nitrobenzene	8.88	77	205661	9.656	ng/ul	99
21) Isophorone	9.40	82	454639	10.835	ng/ul	99
23) 2-Nitrophenol	9.59	139	77293	6.783	ng/ul	94
24) 2,4-Dimethylphenol	9.66	107	229011	10.322	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	245665	9.180	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	184787	9.203	ng/ul	97
28) Naphthalene	10.53	128	600663	9.408	ng/ul	98
30) 4-Chloroaniline	10.63	127	235277	9.269	ng/ul	99
31) Hexachlorobutadiene	10.83	225	124857	10.278	ng/ul	99
32) Caprolactam	11.37	113	66150	10.176	ng/ul	94
33) 4-Chloro-3-methylphenol	11.76	107	210585	10.187	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	450109	9.403	ng/ul	99

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35) 1-Methylnaphthalene	12.36	142	437044	9.559 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	242717	9.546 ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	137095	8.602 ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	147128	8.724 ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	155764	8.469 ng/ul	95
41) 1,1'-Biphenyl	13.17	154	581660	9.166 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	451345	9.304 ng/ul	100
43) 2-Nitroaniline	13.40	65	91599	7.281 ng/ul	98
45) Dimethylphthalate	13.80	163	591527	9.574 ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	79584	6.460 ng/ul	96
48) Acenaphthylene	14.05	152	702295	9.368 ng/ul	99
49) 3-Nitroaniline	14.23	138	82707	6.921 ng/ul#	94
50) Acenaphthene	14.40	153	490095	9.384 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	25933	3.298 ng/ul	95
53) 4-Nitrophenol	14.53	109	75923	8.741 ng/ul	99
54) Dibenzofuran	14.73	168	699863	9.383 ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	110949	6.104 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.96	232	133635	8.258 ng/ul	97
57) Diethylphthalate	15.17	149	603843	9.734 ng/ul	99
59) Fluorene	15.39	166	568338	9.429 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	297908	9.751 ng/ul	99
61) 4-Nitroaniline	15.39	138	103437	7.662 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	48331	3.934 ng/ul#	90
65) N-Nitrosodiphenylamine	15.60	169	514262	9.269 ng/ul	99
66) 4-Bromophenyl-phenylether	16.28	248	196264	9.639 ng/ul	99
67) Hexachlorobenzene	16.39	284	221792	9.769 ng/ul	98
68) Atrazine	16.55	200	192414	9.486 ng/ul	99
69) Pentachlorophenol	16.73	266	112395	7.631 ng/ul	97
70) Phenanthrene	17.12	178	933906	9.271 ng/ul	99
72) Anthracene	17.21	178	968487	9.435 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	238028	9.036 ng/uL	99
74) Pentachlorobenzene	14.66	250	249589	9.492 ng/uL	99
75) Carbazole	17.47	167	887130	9.724 ng/ul	99
76) Di-n-butylphthalate	18.07	149	1024878	9.528 ng/ul	98
77) Fluoranthene	19.14	202	1162284	10.259 ng/ul	100
80) Pyrene	19.50	202	1184999	8.719 ng/ul	100
81) Butylbenzylphthalate	20.43	149	380550	6.808 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	455922	10.439 ng/ul	100
83) Benzo(a)anthracene	21.26	228	1289360	9.367 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	635250	7.999 ng/ul	99
85) Chrysene	21.30	228	1201912	9.470 ng/ul	100
87) Di-n-octyl phthalate	22.11	149	1165090	7.259 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1395678	8.912 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	1313074	8.764 ng/ul	99
91) Benzo(a)pyrene	23.40	252	1331681	9.064 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.73	276	1582692	10.142 ng/ul	98
93) Dibenzo(a,h)anthracene	25.74	278	1327015	10.165 ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	1323748	10.514 ng/ul	99

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

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