Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021595.D
Acq On : 22 Jul 2019 22:47
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02003

Quant Time: Jul 23 04:31:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	149990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	686580	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.35	164	474408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1231402	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	1438558	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1672367	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	21713	7.13	ng/uL	0.00
5) Phenol-d5	6.88	99	226684	19.44	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	132082	19.10	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	184899	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	194576	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	94029	16.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.59	143	102567	16.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	226518	17.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	242589	21.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	750268	18.06	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	917822	17.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	122640	18.63	ng/ul	-0.01
57) Fluorene-d10	15.35	176	655923	17.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	131774	15.92	ng/ul	0.00
70) Anthracene-d10	17.20	188	1110904	17.37	ng/ul	0.00
78) Pyrene-d10	19.50	212	1319002	16.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1562496	16.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	20776	6.492	ng/uL#	94
4) Benzaldehyde	6.87	77	110798	17.597	ng/ul	99
6) Phenol	6.91	94	232548	20.833	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	173511	20.104	ng/ul	98
10) 2-Chlorophenol	7.27	128	187153	19.400	ng/ul	98
11) 2-Methylphenol	8.15	108	182569	21.464	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	233328	22.170	ng/ul	99
14) Acetophenone	8.53	105	311649	22.274	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.52	70	158825	22.638	ng/ul	95
16) 4-Methylphenol	8.48	108	200310	22.212	ng/ul	94
17) Hexachloroethane	8.76	117	80509	19.085	ng/ul	95
20) Nitrobenzene	8.91	77	239997	18.946	ng/ul	99
21) Isophorone	9.43	82	466730	20.788	ng/ul	98
23) 2-Nitrophenol	9.62	139	114715	18.013	ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	241548	19.495	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	275119	19.645	ng/ul	98
27) 2,4-Dichlorophenol	10.14	162	220454	18.896	ng/ul	97
28) Naphthalene	10.54	128	662058	18.529	ng/ul	100
30) 4-Chloroaniline	10.67	127	246589	22.372	ng/ul	100
31) Hexachlorobutadiene	10.80	225	152201	17.652	ng/ul	98
32) Caprolactam	11.47	113	84787	27.847	ng/ul	98
33) 4-Chloro-3-methylphenol	11.79	107	238878	21.997	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	518482	19.686	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	311534	16.885 ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	143059	15.242 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	197681	18.004 ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	217873	18.721 ng/ul	99
40) 1,1'-Biphenyl	13.18	154	707235	17.812 ng/ul	99
41) 2-Chloronaphthalene	13.22	162	568971	17.880 ng/ul	98
42) 2-Nitroaniline	13.44	65	135736	19.522 ng/ul	90
44) Dimethylphthalate	13.82	163	756767	19.560 ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	136719	19.406 ng/ul	95
47) Acenaphthylene	14.07	152	839956	18.507 ng/ul	100
48) 3-Nitroaniline	14.28	138	115921	18.291 ng/ul	94
49) Acenaphthene	14.42	153	612020	18.558 ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	79221	18.697 ng/ul	93
52) 4-Nitrophenol	14.59	109	106699	21.756 ng/ul	96
53) Dibenzofuran	14.75	168	895062	18.735 ng/ul	97
54) 2,4-Dinitrotoluene	14.74	165	223639	20.696 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.98	232	207842	20.039 ng/ul	97
56) Diethylphthalate	15.18	149	743572	20.018 ng/ul	98
58) Fluorene	15.40	166	740957	19.170 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	411989	19.073 ng/ul	99
60) 4-Nitroaniline	15.45	138	119491	18.362 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.50	198	137795	16.733 ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	644954	17.606 ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	267097	17.531 ng/ul	98
66) Hexachlorobenzene	16.40	284	321544	17.752 ng/ul	97
67) Atrazine	16.58	200	292992	21.650 ng/ul	99
68) Pentachlorophenol	16.76	266	176069	18.440 ng/ul	99
69) Phenanthrene	17.14	178	1273137	18.336 ng/ul	99
71) Anthracene	17.24	178	1298389	18.373 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	312225	15.467 ng/uL	99
73) Pentachlorobenzene	14.67	250	361126	17.366 ng/uL	99
74) Carbazole	17.52	167	1125273	19.184 ng/ul	99
75) Di-n-butylphthalate	18.07	149	1261205	18.768 ng/ul	99
76) Fluoranthene	19.17	202	1614226	19.579 ng/ul	100
79) Pyrene	19.53	202	1666207	17.501 ng/ul	100
80) Butylbenzylphthalate	20.43	149	570918	16.928 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.22	252	525594	16.432 ng/ul	99
82) Benzo(a)anthracene	21.28	228	1833759	18.614 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	833117	16.794 ng/ul	98
84) Chrysene	21.33	228	1709613	18.460 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	1485664	16.445 ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1939061	18.606 ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	1866877	17.984 ng/ul	99
90) Benzo(a)pyrene	23.45	252	1849286	18.371 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	2312083	18.594 ng/ul	99
92) Dibenzo(a,h)anthracene	25.82	278	1938752	18.547 ng/ul	99
93) Benzo(g,h,i)perylene	26.50	276	1883283	18.358 ng/ul	99

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

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