Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
Data File : BM021623.D
Acq On : 23 Jul 2019 22:38
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Jul 24 01:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	133123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	631681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	442378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1148806	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1395038	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1606666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	18391	7.53	ng/uL	0.00
5) Phenol-d5	6.88	99	206619	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	118520	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	164878	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	179907	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	84212	18.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	90291	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	208920	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	220866	20.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	691023	18.23	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	845022	18.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	111732	17.18	ng/ul	0.00
57) Fluorene-d10	15.34	176	616279	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	115033	15.99	ng/ul	0.00
70) Anthracene-d10	17.20	188	1044265	18.48	ng/ul	0.00
78) Pyrene-d10	19.50	212	1248589	18.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1502453	17.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	19788	7.143	ng/uL	93
4) Benzaldehyde	6.86	77	101795	21.389	ng/ul	98
6) Phenol	6.90	94	210080	19.340	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	157279	19.577	ng/ul	96
10) 2-Chlorophenol	7.27	128	168025	19.675	ng/ul	97
11) 2-Methylphenol	8.15	108	165781	19.509	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	215115	20.215	ng/ul	99
14) Acetophenone	8.53	105	288348	19.919	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	146285	20.542	ng/ul	98
16) 4-Methylphenol	8.47	108	186275	19.849	ng/ul	99
17) Hexachloroethane	8.76	117	73190	19.247	ng/ul	93
20) Nitrobenzene	8.91	77	224982	19.466	ng/ul	100
21) Isophorone	9.43	82	430092	19.600	ng/ul	100
23) 2-Nitrophenol	9.61	139	100515	19.271	ng/ul	100
24) 2,4-Dimethylphenol	9.67	107	225024	19.700	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.91	93	252136	19.489	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	201865	19.309	ng/ul	99
28) Naphthalene	10.53	128	611822	19.112	ng/ul	99
30) 4-Chloroaniline	10.66	127	227595	21.511	ng/ul	100
31) Hexachlorobutadiene	10.80	225	141632	19.186	ng/ul	99
32) Caprolactam	11.46	113	77018	23.582	ng/ul	92
33) 4-Chloro-3-methylphenol	11.79	107	222434	19.940	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	476408	19.247	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	292508	19.171	ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	128666	17.601	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	180741	19.288	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	197950	19.409	ng/ul	100
40) 1,1'-Biphenyl	13.17	154	654962	19.128	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	520972	19.069	ng/ul	100
42) 2-Nitroaniline	13.44	65	122393	20.038	ng/ul	99
44) Dimethylphthalate	13.81	163	697757	19.176	ng/ul	100
45) 2,6-Dinitrotoluene	13.94	165	121557	20.148	ng/ul	99
47) Acenaphthylene	14.07	152	783053	19.141	ng/ul	99
48) 3-Nitroaniline	14.27	138	106711	17.850	ng/ul	93
49) Acenaphthene	14.41	153	571636	19.052	ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	64859	16.786	ng/ul	97
52) 4-Nitrophenol	14.59	109	99455	19.364	ng/ul	98
53) Dibenzofuran	14.74	168	840899	18.982	ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	205946	20.092	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.98	232	190746	19.630	ng/ul	99
56) Diethylphthalate	15.18	149	692996	19.650	ng/ul	99
58) Fluorene	15.40	166	699405	19.088	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	384516	18.881	ng/ul	99
60) 4-Nitroaniline	15.44	138	115614	17.717	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.50	198	121882	17.137	ng/ul	97
64) N-Nitrosodiphenylamine	15.62	169	601420	19.265	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	245808	19.067	ng/ul	99
66) Hexachlorobenzene	16.40	284	298005	18.947	ng/ul	98
67) Atrazine	16.57	200	263781	22.773	ng/ul	98
68) Pentachlorophenol	16.75	266	162614	18.169	ng/ul	97
69) Phenanthrene	17.14	178	1192118	19.020	ng/ul	99
71) Anthracene	17.23	178	1209022	19.073	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	289633	18.830	ng/uL	98
73) Pentachlorobenzene	14.66	250	339490	19.609	ng/uL	99
74) Carbazole	17.52	167	1052618	19.363	ng/ul	99
75) Di-n-butylphthalate	18.07	149	1148599	20.111	ng/ul	100
76) Fluoranthene	19.16	202	1509560	19.428	ng/ul	99
79) Pyrene	19.53	202	1581709	19.034	ng/ul	99
80) Butylbenzylphthalate	20.43	149	518397	19.887	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.22	252	476934	17.369	ng/ul	98
82) Benzo(a)anthracene	21.27	228	1760507	19.250	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	764242	20.045	ng/ul	99
84) Chrysene	21.33	228	1655186	18.978	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	1384717	19.059	ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	1906502	19.627	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	1773413	18.611	ng/ul	100
90) Benzo(a)pyrene	23.44	252	1785714	19.145	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	2173957	19.192	ng/ul	100
92) Dibenzo(a,h)anthracene	25.81	278	1826392	19.172	ng/ul	99
93) Benzo(g,h,i)perylene	26.49	276	1751202	19.089	ng/ul	98

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

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