Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019828.D
Acq On : 09 Apr 2019 14:55
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02083

Manual Integrations APPROVED
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Quant Time: Apr 10 03:57:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 10 03:34:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	126157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	492041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	262939	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	536313	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	524121	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	573129	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	25032	7.77	ng/uL	0.00
5) Phenol-d5	6.75	99	207891	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	129411	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	169786	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	159474	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	75110	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	87193	22.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	155811	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	192089	21.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	405380	19.11	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	552069	20.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	45915	13.81	ng/ul	0.00
58) Fluorene-d10	15.22	176	348570	19.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	55356	15.61	ng/ul	0.00
71) Anthracene-d10	17.09	188	487797	18.95	ng/ul	0.00
79) Pyrene-d10	19.40	212	486720	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	572254	18.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	26253	7.160	ng/uL#	90
4) Benzaldehyde	6.73	77	161178	20.029	ng/ul	97
6) Phenol	6.77	94	216320	18.452	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	156773	17.480	ng/ul	98
10) 2-Chlorophenol	7.13	128	170183	19.662	ng/ul	99
11) 2-Methylphenol	8.01	108	153713	18.801	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.07	45	142662m	16.782	ng/ul	
14) Acetophenone	8.39	105	249981	18.202	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.37	70	146391	19.021	ng/ul#	84
16) 4-Methylphenol	8.34	108	168313	18.770	ng/ul	98
17) Hexachloroethane	8.60	117	72688	19.982	ng/ul#	80
20) Nitrobenzene	8.77	77	197559	18.908	ng/ul	98
21) Isophorone	9.29	82	369742	20.628	ng/ul	100
23) 2-Nitrophenol	9.47	139	90995	21.116	ng/ul#	93
24) 2,4-Dimethylphenol	9.53	107	184795	19.735	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	206888	19.128	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	151943	20.860	ng/ul	98
28) Naphthalene	10.39	128	520478	20.419	ng/ul	99
30) 4-Chloroaniline	10.53	127	198038	21.251	ng/ul	95
31) Hexachlorobutadiene	10.64	225	97774	21.278	ng/ul	98
32) Caprolactam	11.34	113	43355	20.047	ng/ul#	67
33) 4-Chloro-3-methylphenol	11.66	107	157398	20.047	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	350960	19.650	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	320668	19.015 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	168155	20.098 ng/ul#	97
38) Hexachlorocyclopentadiene	12.34	237	83219	19.391 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	109869	21.047 ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	119583	21.361 ng/ul	99
41) 1,1'-Biphenyl	13.05	154	434456	19.400 ng/ul#	96
42) 2-Chloronaphthalene	13.09	162	336182	19.602 ng/ul	99
43) 2-Nitroaniline	13.33	65	99815	21.193 ng/ul	94
45) Dimethylphthalate	13.69	163	401107	18.843 ng/ul#	97
46) 2,6-Dinitrotoluene	13.83	165	84494	21.622 ng/ul	94
48) Acenaphthylene	13.94	152	538119	20.466 ng/ul	99
49) 3-Nitroaniline	14.17	138	80761	21.120 ng/ul	99
50) Acenaphthene	14.29	153	353522	19.091 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	42597	18.826 ng/ul#	90
53) 4-Nitrophenol	14.50	109	52545m	20.187 ng/ul	
54) Dibenzofuran	14.63	168	507092	19.609 ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	121470	20.991 ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.86	232	91329	19.366 ng/ul#	80
57) Diethylphthalate	15.06	149	403472	19.270 ng/ul	96
59) Fluorene	15.28	166	378690	18.479 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.27	204	191482	18.730 ng/ul	94
61) 4-Nitroaniline	15.34	138	82977	19.878 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.40	198	57053	15.195 ng/ul#	89
65) N-Nitrosodiphenylamine	15.50	169	334623	20.055 ng/ul	99
66) 4-Bromophenyl-phenylether	16.17	248	119065	20.443 ng/ul	95
67) Hexachlorobenzene	16.28	284	135994	19.283 ng/ul#	93
68) Atrazine	16.46	200	111476	19.091 ng/ul	94
69) Pentachlorophenol	16.64	266	63292	17.170 ng/ul	97
70) Phenanthrene	17.03	178	566022	18.614 ng/ul	99
72) Anthracene	17.12	178	570931	18.404 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	161598	20.783 ng/uL	98
74) Pentachlorobenzene	14.54	250	165672	20.370 ng/uL	98
75) Carbazole	17.41	167	502004	18.043 ng/ul	99
76) Di-n-butylphthalate	17.95	149	664958	21.562 ng/ul	99
77) Fluoranthene	19.06	202	625218	17.943 ng/ul#	88
80) Pyrene	19.43	202	639065	20.267 ng/ul#	87
81) Butylbenzylphthalate	20.33	149	300484	24.068 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.13	252	231537	20.335 ng/ul#	98
83) Benzo(a)anthracene	21.18	228	620813	19.679 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	442499	24.453 ng/ul#	95
85) Chrysene	21.23	228	585500	19.343 ng/ul	99
87) Di-n-octyl phthalate	21.97	149	746049	20.869 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	647405	18.545 ng/ul#	97
89) Benzo(k)fluoranthene	22.79	252	643707	19.200 ng/ul#	97
91) Benzo(a)pyrene	23.31	252	621273	18.615 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.63	276	802704	19.207 ng/ul#	90
93) Dibenzo(a,h)anthracene	25.63	278	674269	18.925 ng/ul#	96
94) Benzo(g,h,i)perylene	26.31	276	668604	19.145 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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