Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032219\
Data File : BM019315.D
Acq On : 22 Mar 2019 16:43
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV58

Quant Time: Mar 22 23:26:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 22:31:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	122483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	513159	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	274870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	597710	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	641183	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	687904	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	23359	7.47	ng/uL	0.00
5) Phenol-d5	6.80	99	203290	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	130982	17.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	161934	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	160571	19.61	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	72552	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	82996	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	157003	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	190490	20.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	459113	20.70	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	571009	20.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	62874	18.08	ng/ul	0.00
58) Fluorene-d10	15.27	176	395424	20.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	71519	18.09	ng/ul	0.00
71) Anthracene-d10	17.13	188	579892	20.22	ng/ul	0.00
79) Pyrene-d10	19.44	212	599733	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	723734	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	27326	7.676	ng/uL#	89
4) Benzaldehyde	6.79	77	152715	19.546	ng/ul	98
6) Phenol	6.83	94	208874	18.352	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	164677	18.912	ng/ul	99
10) 2-Chlorophenol	7.18	128	167609	19.945	ng/ul	97
11) 2-Methylphenol	8.07	108	154379	19.449	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	163673	19.831	ng/ul#	85
14) Acetophenone	8.45	105	255585	19.169	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.43	70	150201	20.102	ng/ul#	86
16) 4-Methylphenol	8.40	108	172043	19.761	ng/ul	92
17) Hexachloroethane	8.67	117	69308	19.624	ng/ul#	80
20) Nitrobenzene	8.83	77	211008	19.364	ng/ul	99
21) Isophorone	9.35	82	370680	19.829	ng/ul	98
23) 2-Nitrophenol	9.53	139	90367	20.108	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	197115	20.184	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	222325	19.709	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	154588	20.350	ng/ul	96
28) Naphthalene	10.45	128	535171	20.131	ng/ul	99
30) 4-Chloroaniline	10.59	127	197803	20.352	ng/ul	99
31) Hexachlorobutadiene	10.71	225	93107	19.429	ng/ul	96
32) Caprolactam	11.40	113	42906	19.023	ng/ul#	78
33) 4-Chloro-3-methylphenol	11.71	107	163858	20.011	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	366834	19.693	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	344600	19.593	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	175940	20.115	ng/ul#	96
38) Hexachlorocyclopentadiene	12.40	237	75365	16.798	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.70	196	111215	20.380	ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	115896	19.803	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	468292	20.003	ng/ul#	95
42) 2-Chloronaphthalene	13.15	162	362401	20.214	ng/ul	98
43) 2-Nitroaniline	13.38	65	97595	19.822	ng/ul	94
45) Dimethylphthalate	13.75	163	456360	20.508	ng/ul#	98
46) 2,6-Dinitrotoluene	13.87	165	84752	20.746	ng/ul#	88
48) Acenaphthylene	14.00	152	560953	20.408	ng/ul	99
49) 3-Nitroaniline	14.22	138	78944	19.748	ng/ul#	95
50) Acenaphthene	14.34	153	379675	19.613	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	37321	15.778	ng/ul#	72
53) 4-Nitrophenol	14.53	109	53150	19.534	ng/ul#	76
54) Dibenzofuran	14.68	168	550726	20.372	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	126867	20.972	ng/ul#	63
56) 2,3,4,6-Tetrachlorophenol	14.91	232	100934	20.474	ng/ul#	80
57) Diethylphthalate	15.11	149	452373	20.668	ng/ul	95
59) Fluorene	15.33	166	438195	20.454	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	213347	19.963	ng/ul#	90
61) 4-Nitroaniline	15.39	138	86254	19.767	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	77118	18.429	ng/ul#	93
65) N-Nitrosodiphenylamine	15.55	169	374384	20.133	ng/ul	97
66) 4-Bromophenyl-phenylether	16.23	248	127676	19.670	ng/ul	96
67) Hexachlorobenzene	16.33	284	155245	19.751	ng/ul#	92
68) Atrazine	16.51	200	124078	19.067	ng/ul	95
69) Pentachlorophenol	16.69	266	72287	17.596	ng/ul	97
70) Phenanthrene	17.07	178	680015	20.066	ng/ul	99
72) Anthracene	17.17	178	690626	19.975	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	169121	19.516	ng/uL	99
74) Pentachlorobenzene	14.59	250	173677	19.161	ng/uL	97
75) Carbazole	17.45	167	600748	19.375	ng/ul	98
76) Di-n-butylphthalate	18.00	149	701452	20.409	ng/ul	99
77) Fluoranthene	19.10	202	743089	19.136	ng/ul#	87
80) Pyrene	19.47	202	778726	20.188	ng/ul#	83
81) Butylbenzylphthalate	20.38	149	305349	19.992	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.17	252	280941	20.169	ng/ul#	98
83) Benzo(a)anthracene	21.23	228	770095	19.955	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	444565	20.082	ng/ul	96
85) Chrysene	21.28	228	733950	19.820	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	786672	18.334	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	811665	19.371	ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	811267	20.161	ng/ul#	97
91) Benzo(a)pyrene	23.37	252	797811	19.917	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.71	276	987876	19.694	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.71	278	847290	19.813	ng/ul#	96
94) Benzo(g,h,i)perylene	26.39	276	828115	19.756	ng/ul#	94

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

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