Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022792.D
Acq On : 27 Sep 2019 18:35
Operator : JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV59

Manual Integrations APPROVED
mohammad
9/30/2019 8:14:35 AM

Quant Time: Sep 27 19:20:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	215288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	973164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	636357	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1324378	20.00	ng/ul	0.00
78) Chrysene-d12	21.37	240	1416984	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	1596425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	38648	7.76	ng/uL	0.00
5) Phenol-d5	6.97	99	356204	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	197707	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	291556	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	292505	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	140886	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	157755	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	309188	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	330759	16.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	926646	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	1096475	19.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	183305	18.78	ng/ul	0.00
58) Fluorene-d10	15.44	176	800650	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	153951	17.86	ng/ul	0.00
71) Anthracene-d10	17.29	188	1249103	19.31	ng/ul	0.00
79) Pyrene-d10	19.58	212	1402601	18.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.50	264	1541486	18.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	37840	7.684	ng/uL	97
4) Benzaldehyde	6.95	77	132451m	15.364	ng/ul	
6) Phenol	7.00	94	376062	18.859	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	288375	19.121	ng/ul	98
10) 2-Chlorophenol	7.37	128	312753	19.034	ng/ul	100
11) 2-Methylphenol	8.25	108	287937	18.734	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	383324	19.223	ng/ul	99
14) Acetophenone	8.63	105	460477	19.341	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	236291	19.323	ng/ul	99
16) 4-Methylphenol	8.58	108	323678	19.046	ng/ul	99
17) Hexachloroethane	8.89	117	117286	18.783	ng/ul	99
20) Nitrobenzene	9.01	77	330145	18.830	ng/ul	99
21) Isophorone	9.54	82	654095	18.938	ng/ul	99
23) 2-Nitrophenol	9.72	139	180113	19.202	ng/ul	99
24) 2,4-Dimethylphenol	9.78	107	349514	19.138	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	410707	18.644	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	312472	18.906	ng/ul	99
28) Naphthalene	10.66	128	998470	18.998	ng/ul	99
30) 4-Chloroaniline	10.76	127	353344	16.912	ng/ul	99
31) Hexachlorobutadiene	10.95	225	189725	18.973	ng/ul	99
32) Caprolactam	11.54	113	98656m	18.436	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	324567	19.075	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	750795	19.053	ng/ul	100

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35) 1-Methylnaphthalene	12.49	142	721255	19.164	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	392506	18.800	ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	237645	18.160	ng/ul	100
39) 2,4,6-Trichlorophenol	12.87	196	260319	18.799	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	284478	18.836	ng/ul	98
41) 1,1'-Biphenyl	13.28	154	985785	18.919	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	757258	19.010	ng/ul	100
43) 2-Nitroaniline	13.52	65	196063	18.979	ng/ul	97
45) Dimethylphthalate	13.90	163	962706	18.975	ng/ul	99
46) 2,6-Dinitrotoluene	14.02	165	194681	19.245	ng/ul	98
48) Acenaphthylene	14.17	152	1186550	19.276	ng/ul	100
49) 3-Nitroaniline	14.34	138	170510	17.377	ng/ul	99
50) Acenaphthene	14.51	153	813247	18.965	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	108933	16.873	ng/ul	98
53) 4-Nitrophenol	14.65	109	135340	18.977	ng/ul	98
54) Dibenzofuran	14.84	168	1170330	19.109	ng/ul	100
55) 2,4-Dinitrotoluene	14.80	165	291033	19.500	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.07	232	253256	19.059	ng/ul	99
57) Diethylphthalate	15.27	149	963484	18.916	ng/ul	99
59) Fluorene	15.49	166	953562	19.267	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	481464	19.192	ng/ul	99
61) 4-Nitroaniline	15.50	138	200910	18.125	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.57	198	175164	18.173	ng/ul	98
65) N-Nitrosodiphenylamine	15.70	169	840012	19.297	ng/ul	100
66) 4-Bromophenyl-phenylether	16.38	248	305005	19.091	ng/ul	100
67) Hexachlorobenzene	16.50	284	340051	19.089	ng/ul	98
68) Atrazine	16.65	200	300033	18.853	ng/ul	98
69) Pentachlorophenol	16.84	266	210234	18.192	ng/ul	100
70) Phenanthrene	17.23	178	1520759	19.240	ng/ul	100
72) Anthracene	17.32	178	1562885	19.405	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	393366	19.033	ng/uL	100
74) Pentachlorobenzene	14.77	250	396538	19.221	ng/uL	99
75) Carbazole	17.59	167	1408420	19.676	ng/ul	100
76) Di-n-butylphthalate	18.16	149	1627236	19.281	ng/ul	100
77) Fluoranthene	19.24	202	1811640	20.379	ng/ul	99
80) Pyrene	19.61	202	1871511	18.632	ng/ul	99
81) Butylbenzylphthalate	20.51	149	762687	18.462	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.29	252	596961	18.494	ng/ul	99
83) Benzo(a)anthracene	21.36	228	1940742	19.077	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1144621	19.501	ng/ul	100
85) Chrysene	21.41	228	1808006	19.276	ng/ul	99
87) Di-n-octyl phthalate	22.18	149	1925144	17.732	ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	1902993	17.963	ng/ul	99
89) Benzo(k)fluoranthene	23.00	252	1901965	18.765	ng/ul	99
91) Benzo(a)pyrene	23.54	252	1851403	18.627	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.95	276	2103137	19.921	ng/ul	99
93) Dibenzo(a,h)anthracene	25.96	278	1767068	20.009	ng/ul	99
94) Benzo(g,h,i)perylene	26.65	276	1707418	20.047	ng/ul	98

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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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