Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032819\
Data File : VX008507.D
Acq On : 28 Mar 2019 09:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
3/29/2019 10:51:33 AM

Quant Time: Mar 29 01:52:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	354163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159273	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
35) Dibromofluoromethane	5.49	113	118723	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
50) Toluene-d8	8.71	98	481169	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
62) 4-Bromofluorobenzene	11.13	95	183782	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	116162	45.643	ug/l	98
3) Chloromethane	1.32	50	153109	47.642	ug/l	99
4) Vinyl Chloride	1.40	62	159693	44.940	ug/l	98
5) Bromomethane	1.64	94	83445	44.932	ug/l	99
6) Chloroethane	1.71	64	97130	46.141	ug/l	100
7) Trichlorofluoromethane	1.92	101	183700	45.646	ug/l	97
8) Diethyl Ether	2.18	74	87240	45.805	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118553	48.743	ug/l	99
10) Methyl Iodide	2.51	142	122778	51.725	ug/l	99
11) Tert butyl alcohol	3.05	59	167370	230.788	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116136	46.235	ug/l	98
13) Acrolein	2.29	56	123125	233.792	ug/l	99
14) Allyl chloride	2.72	41	266314	48.124	ug/l	99
15) Acrylonitrile	3.14	53	434518	228.498	ug/l	100
16) Acetone	2.44	43	445849	260.613	ug/l	98
17) Carbon Disulfide	2.57	76	349610	48.500	ug/l	99
18) Methyl Acetate	2.77	43	190085	46.263	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	440279	48.640	ug/l	99
20) Methylene Chloride	2.85	84	140211	50.220	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	125746	50.241	ug/l	97
22) Diisopropyl ether	3.85	45	523127	48.009	ug/l	94
23) Vinyl Acetate	3.81	43	2327982	244.882	ug/l	99
24) 1,1-Dichloroethane	3.69	63	261499	47.536	ug/l	100
25) 2-Butanone	4.67	43	662091	241.403	ug/l	99
26) 2,2-Dichloropropane	4.58	77	188958	51.643	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	146825	47.801	ug/l	99
28) Bromochloromethane	5.01	49	134056	49.325	ug/l	100
29) Tetrahydrofuran	5.12	42	407372	225.364	ug/l	100
30) Chloroform	5.21	83	236174	47.572	ug/l	99
31) Cyclohexane	5.57	56	255765	48.748	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	194860	49.104	ug/l	100
36) 1,1-Dichloropropene	5.79	75	188074	49.806	ug/l	99
37) Ethyl Acetate	4.83	43	241467	49.360	ug/l	99
38) Carbon Tetrachloride	5.78	117	162614	51.602	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242163	53.661 ug/l	99
40) Benzene	6.14	78	563512	49.847 ug/l	100
41) Methacrylonitrile	5.04	41	137685	50.083 ug/l	99
42) 1,2-Dichloroethane	6.19	62	201440	48.668 ug/l	99
43) Isopropyl Acetate	6.44	43	393606	50.303 ug/l	100
44) Trichloroethene	7.21	130	133053	50.126 ug/l	98
45) 1,2-Dichloropropane	7.51	63	161127	50.144 ug/l	100
46) Dibromomethane	7.66	93	91990	49.025 ug/l	99
47) Bromodichloromethane	7.90	83	187266	52.141 ug/l	98
48) Methyl methacrylate	7.77	41	199050	50.841 ug/l	99
49) 1,4-Dioxane	7.74	88	73091	938.908 ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1279069	251.676 ug/l	100
52) Toluene	8.78	92	344692	50.994 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	217267	55.230 ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	240212	53.699 ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	138310	50.266 ug/l	99
56) Ethyl methacrylate	9.18	69	259445	52.235 ug/l	100
57) 1,3-Dichloropropane	9.37	76	244880	49.638 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	625764	243.731 ug/l	100
59) 2-Hexanone	9.49	43	1029151	261.340 ug/l	100
60) Dibromochloromethane	9.58	129	138613	52.970 ug/l	99
61) 1,2-Dibromoethane	9.67	107	140828	50.152 ug/l	99
64) Tetrachloroethene	9.34	164	110636	51.176 ug/l	97
65) Chlorobenzene	10.13	112	355263	51.158 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	125273	52.286 ug/l	99
67) Ethyl Benzene	10.25	91	675409	51.534 ug/l	100
68) m/p-Xylenes	10.36	106	494269	103.665 ug/l	99
69) o-Xylene	10.69	106	236953	51.211 ug/l	99
70) Styrene	10.71	104	422699	52.887 ug/l	100
71) Bromoform	10.85	173	102656	54.255 ug/l	100
73) Isopropylbenzene	11.02	105	643024	49.636 ug/l	99
74) N-amyl acetate	10.90	43	376904	50.265 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234616	46.677 ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	201754m	42.618 ug/l	
77) Bromobenzene	11.26	156	152842	48.612 ug/l	99
78) n-propylbenzene	11.36	91	774247	51.019 ug/l	100
79) 2-Chlorotoluene	11.42	91	452219	48.992 ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	545985	49.851 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	79638	53.880 ug/l	99
82) 4-Chlorotoluene	11.51	91	530910	49.864 ug/l	99
83) tert-Butylbenzene	11.77	119	525573	49.738 ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	555399	50.137 ug/l	99
85) sec-Butylbenzene	11.94	105	641771	51.001 ug/l	100
86) p-Isopropyltoluene	12.06	119	578328	52.085 ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	282086	50.214 ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	283948	50.084 ug/l	99
89) n-Butylbenzene	12.38	91	568560	54.054 ug/l	100
90) Hexachloroethane	12.59	117	97230	52.562 ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	279380	49.662 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50426	46.010 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	200874	53.036	ug/l	100
94) Hexachlorobutadiene	13.78	225	97514	54.222	ug/l	99
95) Naphthalene	13.83	128	642763	49.500	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194505	51.106	ug/l	99

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

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