Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
Data File : VX018943.D
Acq On : 15 Oct 2020 19:29
Operator : JC/SP
Sample : VX1015WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1015WBSD01

Manual Integrations APPROVED
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10/16/2020 2:11:42 PM

Quant Time: Oct 16 02:51:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 15:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	48017	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	267130	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	245646	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	92379	30.16	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.53%				
60) 4-Bromofluorobenzene	11.12	95	114187	29.86	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 99.53%				
63) Toluene-d8	8.70	98	319149	29.74	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.13%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	39745	17.458	ug/l		99
3) Chloromethane	1.31	50	47492	18.445	ug/l		99
4) Vinyl Chloride	1.39	62	58200	18.419	ug/l		100
5) Bromomethane	1.63	94	47421	25.343	ug/l		98
6) Chloroethane	1.72	64	40515	18.590	ug/l		99
7) Trichlorofluoromethane	1.92	101	92001	18.495	ug/l		99
8) Diethyl Ether	2.17	74	36553	18.667	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44297	16.016	ug/l		99
10) 1,1-Dichloroethene	2.36	96	48490	16.869	ug/l		97
11) Methyl Iodide	2.49	142	54152	15.866	ug/l		98
12) Methyl Acetate	2.75	43	52784	18.725	ug/l		98
13) Acrolein	2.27	56	46017	85.371	ug/l		96
14) Acrylonitrile	3.12	53	122911	93.722	ug/l		98
15) Acetone	2.42	58	37612	85.207	ug/l		99
16) Carbon Disulfide	2.55	76	126938	18.006	ug/l		99
17) Allyl chloride	2.71	41	65808	17.642	ug/l		97
18) Methylene Chloride	2.84	84	53444	18.449	ug/l		96
19) trans-1,2-Dichloroethene	3.14	96	51477	17.781	ug/l		98
20) Diisopropyl ether	3.82	45	126244	18.239	ug/l		96
21) 1,1-Dichloroethane	3.67	63	85818	18.139	ug/l		99
22) cis-1,2-Dichloroethene	4.57	96	59658	18.200	ug/l		97
23) tert-Butyl Alcohol	3.01	59	73108	100.129	ug/l	#	100
24) Methyl tert-Butyl Ether	3.17	73	144991	18.266	ug/l		98
25) Chloroform	5.18	83	93227	18.564	ug/l		97
26) Cyclohexane	5.55	56	66950	17.579	ug/l	#	96
29) 1,1-Dichloropropene	5.77	75	67300	17.377	ug/l		99
30) 2-Butanone	4.64	43	182261	94.435	ug/l		99
31) 2,2-Dichloropropane	4.55	77	76553	16.779	ug/l		98
32) 1,1,1-Trichloroethane	5.46	97	85487	18.186	ug/l		99
33) Carbon Tetrachloride	5.75	117	76632	17.788	ug/l		98
34) Benzene	6.12	78	210004	18.296	ug/l		100
35) Methacrylonitrile	5.01	41	37273	18.661	ug/l		96
36) 1,2-Dichloroethane	6.17	62	70214	18.609	ug/l		100
37) Trichloroethene	7.19	130	60749	18.035	ug/l		99
38) Methylcyclohexane	7.44	83	76156	17.247	ug/l		98
39) 1,2-Dichloropropane	7.49	63	51695	18.414	ug/l		94
40) Dibromomethane	7.64	93	37798	18.330	ug/l		98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 15:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	7.87	83	77705	18.512 ug/l		99
42) Vinyl Acetate	3.79	43	623425	90.181 ug/l		99
43) Ethyl Acetate	4.80	43	70903	17.750 ug/l		97
44) Isopropyl Acetate	6.41	43	117057	18.249 ug/l	#	100
45) 1,4-Dioxane	7.71	88	27297	398.749 ug/l		98
46) Methyl methacrylate	7.74	41	54577	18.301 ug/l		97
47) n-amyl Acetate	10.88	43	100698	18.795 ug/l		99
48) t-1,3-Dichloropropene	9.02	75	86941	18.139 ug/l		99
49) cis-1,3-Dichloropropene	8.42	75	91504	17.954 ug/l		99
50) 1,1,2-Trichloroethane	9.20	97	56361	19.047 ug/l		99
51) Ethyl methacrylate	9.16	69	87080	18.698 ug/l		99
52) 1,3-Dichloropropane	9.35	76	92351	18.914 ug/l		99
53) Dibromochloromethane	9.57	129	67464	19.168 ug/l		100
54) 1,2-Dibromoethane	9.65	107	61534	18.918 ug/l		98
55) 2-Chloroethyl vinyl ether	8.29	63	229631	93.469 ug/l		99
56) Bromoform	10.84	173	51332	18.893 ug/l		99
58) 4-Methyl-2-Pentanone	8.62	43	359526	91.718 ug/l		100
59) 2-Hexanone	9.47	43	277713	92.527 ug/l		99
61) Tetrachloroethene	9.32	164	52715	17.452 ug/l		99
62) Toluene	8.76	91	235620	17.901 ug/l		99
64) Chlorobenzene	10.12	112	153813	18.371 ug/l		100
65) 1,1,1,2-Tetrachloroethane	10.20	131	60113	18.498 ug/l		99
66) Ethyl Benzene	10.23	91	266700	18.283 ug/l		100
67) m/p-Xylenes	10.34	106	205513	35.959 ug/l		100
68) o-Xylene	10.68	106	100704	18.632 ug/l		99
69) Styrene	10.70	104	169304	18.222 ug/l		99
70) Isopropylbenzene	11.00	105	262995	18.314 ug/l		99
71) 1,1,2,2-Tetrachloroethane	11.25	83	81809	18.289 ug/l		100
72) 1,2,3-Trichloropropane	11.28	75	77074m	18.442 ug/l		
73) Bromobenzene	11.24	156	67723	18.315 ug/l		99
74) n-propylbenzene	11.34	91	292810	17.900 ug/l		100
75) 2-Chlorotoluene	11.40	91	171507	18.138 ug/l		100
76) 1,3,5-Trimethylbenzene	11.49	105	216877	18.034 ug/l		99
77) t-1,4-Dichloro-2-butene	11.05	75	31937	17.650 ug/l		98
78) 4-Chlorotoluene	11.49	91	197385	17.729 ug/l		100
79) tert-butylbenzene	11.76	119	223361	18.337 ug/l		99
80) 1,2,4-Trimethylbenzene	11.79	105	213256	17.797 ug/l		98
81) sec-Butylbenzene	11.93	105	252461	18.074 ug/l		99
82) p-Isopropyltoluene	12.05	119	229629	17.636 ug/l		100
83) 1,3-Dichlorobenzene	12.01	146	115358	17.536 ug/l		100
84) 1,4-Dichlorobenzene	12.08	146	113940	17.182 ug/l		99
85) n-Butylbenzene	12.37	91	194564	16.699 ug/l		100
86) Hexachloroethane	12.58	117	40024	18.119 ug/l		97
87) 1,2-Dichlorobenzene	12.37	146	113167	17.772 ug/l		100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19892	18.369 ug/l		96
89) 1,2,4-Trichlorobenzene	13.63	180	78055	16.786 ug/l		99
90) Hexachlorobutadiene	13.76	225	33127	17.054 ug/l		97
91) Naphthalene	13.82	128	267112	17.614 ug/l		100
92) 1,2,3-Trichlorobenzene	14.00	180	78379	17.286 ug/l		100

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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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