

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019120.D
 Acq On : 26 Oct 2020 15:30
 Operator : JC/SP
 Sample : VX1026WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1026WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:16 PM

Quant Time: Oct 27 05:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	41461	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	231790	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	212541	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85714	31.04	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.47%
60) 4-Bromofluorobenzene	11.12	95	96253	30.17	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.57%
63) Toluene-d8	8.70	98	277525	29.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	36806	17.665	ug/l 100
3) Chloromethane	1.31	50	34110	18.118	ug/l 97
4) Vinyl Chloride	1.39	62	43462	17.614	ug/l 98
5) Bromomethane	1.64	94	42262	22.278	ug/l 98
6) Chloroethane	1.72	64	29926	17.897	ug/l 98
7) Trichlorofluoromethane	1.92	101	76424	17.787	ug/l 96
8) Diethyl Ether	2.17	74	31342	19.460	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39879	19.425	ug/l 99
10) 1,1-Dichloroethene	2.36	96	37054	17.754	ug/l 95
11) Methyl Iodide	2.49	142	37973	21.186	ug/l 97
12) Methyl Acetate	2.75	43	44087	21.338	ug/l 100
13) Acrolein	2.27	56	20373	107.089	ug/l 100
14) Acrylonitrile	3.11	53	97997	100.958	ug/l 99
15) Acetone	2.42	58	31666	113.881	ug/l 91
16) Carbon Disulfide	2.55	76	88482	15.252	ug/l 100
17) Allyl chloride	2.70	41	50945	19.541	ug/l 96
18) Methylene Chloride	2.83	84	45893	19.281	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	43177	17.713	ug/l 97
20) Diisopropyl ether	3.82	45	104250	19.739	ug/l 92
21) 1,1-Dichloroethane	3.67	63	75275	19.413	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	53588	18.978	ug/l 99
23) tert-Butyl Alcohol	3.01	59	52727	112.044	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	129909	19.684	ug/l 100
25) Chloroform	5.17	83	82181	19.128	ug/l 96
26) Cyclohexane	5.54	56	52996	17.588	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	59119	18.080	ug/l 98
30) 2-Butanone	4.63	43	135967	104.375	ug/l 99
31) 2,2-Dichloropropane	4.55	77	69632	18.611	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	72189	18.368	ug/l 99
33) Carbon Tetrachloride	5.74	117	61320	17.979	ug/l 98
34) Benzene	6.11	78	179167	18.622	ug/l 99
35) Methacrylonitrile	5.00	41	28191	19.991	ug/l 96
36) 1,2-Dichloroethane	6.16	62	64002	19.392	ug/l 100
37) Trichloroethene	7.18	130	51715	18.700	ug/l 100
38) Methylcyclohexane	7.44	83	65300	17.816	ug/l 98
39) 1,2-Dichloropropane	7.49	63	43616	19.529	ug/l 98
40) Dibromomethane	7.63	93	33643	19.410	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019120.D
 Acq On : 26 Oct 2020 15:30
 Operator : JC/SP
 Sample : VX1026WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1026WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:16 PM

Quant Time: Oct 27 05:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.87	83	65681	19.167	ug/l	99
42) Vinyl Acetate	3.78	43	499409	98.528	ug/l	100
43) Ethyl Acetate	4.79	43	53058	19.415	ug/l	98
44) Isopropyl Acetate	6.41	43	90643	19.808	ug/l	100
45) 1,4-Dioxane	7.73	88	20969	435.947	ug/l #	94
46) Methyl methacrylate	7.74	41	42709	19.719	ug/l	96
47) n-amyl Acetate	10.88	43	70831	19.297	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	73272	19.100	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	77522	18.990	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	50049	19.936	ug/l	98
51) Ethyl methacrylate	9.16	69	70183	19.159	ug/l	97
52) 1,3-Dichloropropane	9.35	76	80391	19.656	ug/l	99
53) Dibromochloromethane	9.56	129	51283	18.350	ug/l	96
54) 1,2-Dibromoethane	9.65	107	52451	19.227	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	189961	97.034	ug/l	99
56) Bromoform	10.84	173	36360	18.610	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	271732	101.381	ug/l	100
59) 2-Hexanone	9.47	43	204874	102.575	ug/l	99
61) Tetrachloroethene	9.32	164	49444	19.609	ug/l	96
62) Toluene	8.76	91	204298	18.289	ug/l	98
64) Chlorobenzene	10.12	112	130127	18.740	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	47099	18.650	ug/l	98
66) Ethyl Benzene	10.23	91	229413	18.733	ug/l	99
67) m/p-Xylenes	10.34	106	171921	36.810	ug/l	98
68) o-Xylene	10.68	106	84932	19.067	ug/l	98
69) Styrene	10.70	104	140137	18.672	ug/l	99
70) Isopropylbenzene	11.00	105	226890	18.944	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	73070	21.132	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	66797m	21.482	ug/l	
73) Bromobenzene	11.24	156	56217	19.205	ug/l	99
74) n-propylbenzene	11.34	91	257456	18.984	ug/l	100
75) 2-Chlorotoluene	11.40	91	148526	19.362	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	187949	19.339	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	23074	18.685	ug/l	91
78) 4-Chlorotoluene	11.49	91	177974	19.743	ug/l	100
79) tert-butylbenzene	11.75	119	183222	19.145	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	187765	19.435	ug/l	100
81) sec-Butylbenzene	11.93	105	221815	19.587	ug/l	100
82) p-Isopropyltoluene	12.05	119	204571	19.601	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	106326	20.324	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	104276	19.631	ug/l	98
85) n-Butylbenzene	12.37	91	183638	19.651	ug/l	99
86) Hexachloroethane	12.58	117	30510	19.033	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	102019	20.369	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15483	19.785	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	71221	19.760	ug/l	99
90) Hexachlorobutadiene	13.76	225	31096	20.348	ug/l	97
91) Naphthalene	13.82	128	225514	19.113	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	67144	19.366	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
Data File : VX019120.D
Acq On : 26 Oct 2020 15:30
Operator : JC/SP
Sample : VX1026WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:16 PM

Quant Time: Oct 27 05:24:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 2020
Response via : Initial Calibration

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

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

