

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020208.D
 Acq On : 28 Jan 2021 10:10
 Operator : SY/MD
 Sample : VSTD00164
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001703

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:51:07 PM

Quant Time: Jan 28 12:02:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 11:45:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	433786	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	408892	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	232875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.303	65	31691	1.03	ug/L	0.00
7) Chloroethane-d5	1.563	69	27954	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.103	63	49401	1.15	ug/L	0.00
20) 2-Butanone-d5	3.952	46	57816m	9.36	ug/L	0.03
24) Chloroform-d	4.354	84	59343	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	30330	1.03	ug/L	0.00
32) Benzene-d6	5.055	84	112053	1.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	32945	1.03	ug/L	0.00
41) Toluene-d8	7.322	98	102190	1.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	11430	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.103	63	44032	8.87	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.225	84	21803	1.01	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	41963	1.03	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	43683	1.02	ug/L	98
3) Chloromethane	1.238	50	44463	1.06	ug/L	96
5) Vinyl chloride	1.306	62	42352	1.05	ug/L	99
6) Bromomethane	1.518	94	23603	1.02	ug/L	96
8) Chloroethane	1.582	64	25485	1.08	ug/L	93
9) Trichlorofluoromethane	1.749	101	44943	0.93	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	28007	1.13	ug/L #	85
12) 1,1-Dichloroethene	2.113	96	27562	1.15	ug/L	84
13) Acetone	2.241	43	38906m	10.45	ug/L	
14) Carbon disulfide	2.290	76	98520	1.09	ug/L	99
15) Methyl Acetate	2.460	43	10915m	1.03	ug/L	
16) Methylene chloride	2.508	84	34176	1.06	ug/L	90
17) Methyl tert-butyl Ether	2.775	73	66239	1.00	ug/L	99
18) trans-1,2-Dichloroethene	2.759	96	33961	1.06	ug/L	89
19) 1,1-Dichloroethane	3.190	63	58075	1.02	ug/L	97
21) 2-Butanone	4.039	43	68313m	10.34	ug/L	
22) cis-1,2-Dichloroethene	3.920	96	33818	1.03	ug/L	85
23) Bromochloromethane	4.257	128	13878	0.97	ug/L	86
25) Chloroform	4.380	83	60521	1.02	ug/L	94
27) 1,2-Dichloroethane	5.142	62	36923	1.05	ug/L	100
29) 1,1,1-Trichloroethane	4.611	97	54085	1.06	ug/L	96
30) Cyclohexane	4.679	56	50120	1.03	ug/L	98
31) Carbon tetrachloride	4.830	117	45577	1.02	ug/L	98
33) Benzene	5.106	78	125618	1.04	ug/L	100
34) Trichloroethene	5.920	95	35232	1.05	ug/L	90
35) Methylcyclohexane	6.132	83	49473	0.98	ug/L	94
37) 1,2-Dichloropropane	6.180	63	27983	0.96	ug/L #	95
38) Bromodichloromethane	6.518	83	39162	1.02	ug/L #	97
39) cis-1,3-Dichloropropene	7.035	75	39007	0.96	ug/L	97
40) 4-Methyl-2-pentanone	7.238	43	156745	9.65	ug/L	98
42) Toluene	7.392	91	129957	1.01	ug/L	100
44) trans-1,3-Dichloropropene	7.662	75	32273	0.94	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.846	97	20115	0.98	ug/L	92
47) Tetrachloroethene	7.981	164	30344	1.06	ug/L	93
48) 2-Hexanone	8.151	43	107153	9.49	ug/L	98
49) Dibromochloromethane	8.254	129	24043	0.98	ug/L	95
50) 1,2-Dibromoethane	8.360	107	19616	1.00	ug/L #	97
51) Chlorobenzene	8.887	112	87625	1.03	ug/L	96
52) Ethylbenzene	9.019	91	146484	1.02	ug/L	96
53) m,p-xylene	9.145	106	53698	1.00	ug/L	100
54) o-xylene	9.550	106	51726	1.00	ug/L	97
55) Styrene	9.569	104	85154	0.97	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.251	83	23054	1.06	ug/L #	98
59) Bromoform	9.739	173	13362	0.99	ug/L #	97
60) Isopropylbenzene	9.939	105	146911	1.06	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	17684	1.08	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	114191	0.99	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	112717	0.96	ug/L	93
64) 1,3-Dichlorobenzene	11.190	146	74452	1.03	ug/L	95
65) 1,4-Dichlorobenzene	11.283	146	75809	1.03	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	67560	1.03	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.437	75	3837	1.00	ug/L	90
69) 1,3,5-Trichlorobenzene	12.656	180	61936	0.99	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	48142	0.95	ug/L	97
71) Naphthalene	13.511	128	60686	0.88	ug/L	98
72) 1,2,3-Trichlorobenzene	13.752	180	45800	1.02	ug/L #	95

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

