

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012821\
 Data File : VW020183.D
 Acq On : 27 Jan 2021 10:44
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:33 AM

Quant Time: Jan 27 12:23:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	948156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	786335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	473880	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	33478	4.71	ug/L	0.00
7) Chloroethane-d5	1.569	69	26373	4.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	54023	4.07	ug/L	0.00
21) 2-Butanone-d5	3.910	46	36921m	7.82	ug/L	0.03
24) Chloroform-d	4.357	84	57808	4.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	37963	4.22	ug/L	0.00
32) Benzene-d6	5.058	84	108497	5.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	33712	5.10	ug/L	0.00
41) Toluene-d8	7.322	98	100705	5.12	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.630	79	14913	4.46	ug/L	0.00
47) 2-Hexanone-d5	8.100	63	26037	9.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	48516	5.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	45830	4.95	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	32735	4.14	ug/L	98
3) Chloromethane	1.241	50	37709	4.72	ug/L	97
5) Vinyl chloride	1.312	62	32385	3.99	ug/L	97
6) Bromomethane	1.524	94	19889	3.97	ug/L	98
8) Chloroethane	1.585	64	20090	3.85	ug/L	91
9) Trichlorofluoromethane	1.756	101	46305	4.00	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	25301	3.98	ug/L #	87
12) 1,1-Dichloroethene	2.119	96	24781	4.05	ug/L	83
13) Acetone	2.180	43	27877	7.34	ug/L	94
14) Carbon disulfide	2.296	76	71815	3.97	ug/L	99
15) Methyl Acetate	2.438	43	28821	3.89	ug/L	96
16) Methylene chloride	2.511	84	29182	4.29	ug/L	94
17) trans-1,2-Dichloroethene	2.765	96	26998	4.33	ug/L	95
18) Methyl tert-butyl Ether	2.772	73	84001	4.15	ug/L	97
19) 1,1-Dichloroethane	3.196	63	51194	4.30	ug/L	98
20) cis-1,2-Dichloroethene	3.923	96	29091	4.34	ug/L	88
22) 2-Butanone	3.994	43	40260m	8.01	ug/L	
23) Bromochloromethane	4.261	128	15521	4.42	ug/L	88
25) Chloroform	4.383	83	53760	4.29	ug/L	96
27) 1,2-Dichloroethane	5.142	62	43652	4.09	ug/L	98
29) Cyclohexane	4.682	56	40588	4.70	ug/L	95
30) 1,1,1-Trichloroethane	4.614	97	45960	4.92	ug/L #	86
31) Carbon tetrachloride	4.833	117	39479	4.90	ug/L	98
33) Benzene	5.106	78	110035	4.90	ug/L	100
34) Trichloroethene	5.923	95	30225	4.76	ug/L	89
35) Methylcyclohexane	6.135	83	40862	4.51	ug/L	97
37) 1,2-Dichloropropane	6.180	63	26448	4.48	ug/L #	94
38) Bromodichloromethane	6.518	83	37001	4.56	ug/L #	96
39) cis-1,3-Dichloropropene	7.035	75	39911	4.37	ug/L	96
40) 4-Methyl-2-pentanone	7.235	43	73307	8.36	ug/L #	94
42) Toluene	7.396	91	115961	4.82	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	37020	4.16	ug/L	95

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45) 1,1,2-Trichloroethane	7.846	97	28481	4.74	ug/L	97
46) Tetrachloroethene	7.981	164	26690	5.28	ug/L	93
48) 2-Hexanone	8.151	43	49557	7.13	ug/L	93
49) Dibromochloromethane	8.254	129	27663	4.25	ug/L	100
50) 1,2-Dibromoethane	8.360	107	27372	4.18	ug/L #	96
51) Chlorobenzene	8.887	112	77105	4.74	ug/L	96
52) Ethylbenzene	9.019	91	108862	4.04	ug/L	96
53) m,p-Xylene	9.145	106	44330	4.49	ug/L	100
54) o-xylene	9.550	106	39316	3.98	ug/L	91
55) Styrene	9.569	104	67533	3.91	ug/L	93
56) Isopropylbenzene	9.939	105	124378	4.67	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.247	83	45935	5.09	ug/L	97
59) 1,2,3-Trichloropropane	10.280	75	38101	4.81	ug/L	97
61) Bromoform	9.739	173	21274	4.20	ug/L #	98
62) 1,3-Dichlorobenzene	11.190	146	64926	4.51	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	68905	4.57	ug/L	95
65) 1,2-Dichlorobenzene	11.653	146	65925	4.41	ug/L	93
66) 1,2-Dibromo-3-chloropr...	12.437	75	10236	4.13	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.656	180	53612	4.72	ug/L	97
68) 1,2,4-trichlorobenzene	13.273	180	45434	4.36	ug/L	94
69) Naphthalene	13.511	128	120727	4.00	ug/L	99
70) 1,2,3-Trichlorobenzene	13.755	180	46335	4.49	ug/L	98

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

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