

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
 Data File : VX025356.D
 Acq On : 26 Nov 2021 15:20
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050715

Quant Time: Nov 26 23:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 26 23:56:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159582	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148488	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45745	42.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.000%
7) Chloroethane-d5	1.660	69	40108	44.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	2.307	63	79856	45.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	4.459	46	82645	101.942	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.062	84	92352	48.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	5.958	65	57110	48.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.977	84	183454	46.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	7.312	67	56469	46.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	8.653	98	169758	45.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.952	79	27424	44.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
47) 2-Hexanone-d5	9.385	63	62909	99.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.190%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	85433	49.613	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	71739	48.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45239	48.308	ug/L	100
3) Chloromethane	1.295	50	43819	45.335	ug/L	100
5) Vinyl chloride	1.374	62	51166	45.344	ug/L	98
6) Bromomethane	1.599	94	30854	52.268	ug/L	95
8) Chloroethane	1.685	64	34066	45.318	ug/L	100
9) Trichlorofluoromethane	1.886	101	81808	46.459	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	44154	47.748	ug/L	99
12) 1,1-Dichloroethene	2.319	96	40830	47.647	ug/L	100
13) Acetone	2.380	43	53397	80.102	ug/L	100
14) Carbon disulfide	2.514	76	91850	43.591	ug/L	98
15) Methyl Acetate	2.703	43	52958	49.157	ug/L #	89
16) Methylene chloride	2.788	84	47213	47.636	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	43053	46.666	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	153491	48.950	ug/L	99
19) 1,1-Dichloroethane	3.611	63	82468	49.914	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	52648	48.426	ug/L	98
22) 2-Butanone	4.556	43	82731	93.842	ug/L	100
23) Bromochloromethane	4.904	128	27803	48.406	ug/L	97
25) Chloroform	5.099	83	88798	49.386	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	65791	50.308	ug/L	100
29) Cyclohexane	5.477	56	71281	46.857	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	79834	48.704	ug/L	99
31) Carbon tetrachloride	5.678	117	68959	47.111	ug/L	100
33) Benzene	6.044	78	190707	48.076	ug/L	100
34) Trichloroethene	7.129	95	49801	47.731	ug/L	99
35) Methylcyclohexane	7.385	83	76166	46.381	ug/L	100
37) 1,2-Dichloropropane	7.434	63	48290	48.534	ug/L	99
38) Bromodichloromethane	7.824	83	65778	47.472	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	75505	46.592	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	156665	98.606	ug/L	99
42) Toluene	8.720	91	208210	47.594	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	73214	47.005	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	51491	48.766	ug/L	97
46) Tetrachloroethene	9.275	164	41476	46.874	ug/L	99
48) 2-Hexanone	9.433	43	122229	95.786	ug/L	99
49) Dibromochloromethane	9.525	129	57739	47.445	ug/L	99
50) 1,2-Dibromoethane	9.610	107	55124	48.984	ug/L	99
51) Chlorobenzene	10.080	112	139746	48.427	ug/L	99
52) Ethylbenzene	10.195	91	228466	48.593	ug/L	100
53) m,p-Xylene	10.305	106	93231	48.954	ug/L	99
54) o-Xylene	10.647	106	91857	48.184	ug/L	99
55) Styrene	10.659	104	156042	49.259	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	81308	49.869	ug/L	98
59) Bromoform	10.805	173	42955	45.907	ug/L	100
60) Isopropylbenzene	10.964	105	239116	49.063	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	65007	50.111	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	199721	48.996	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	199682	48.483	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	111378	49.770	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	108906	48.178	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110824	48.975	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	16902	46.880	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	77710	47.733	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	66890	48.880	ug/L	99
71) Naphthalene	13.780	128	238426	51.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	68597	48.932	ug/L	98

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

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