

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025665.D
 Acq On : 09 Dec 2021 17:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050723

Quant Time: Dec 10 02:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	130474	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	120894	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31259	35.106	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.220%
7) Chloroethane-d5	1.666	69	28451	38.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.420%
11) 1,1-Dichloroethene-d2	2.313	63	60329	42.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.980%
21) 2-Butanone-d5	4.452	46	65213	98.386	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.390%
24) Chloroform-d	5.062	84	71871	46.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.958	65	45178	46.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
32) Benzene-d6	5.977	84	130346	40.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.360%
36) 1,2-Dichloropropane-d6	7.312	67	41961	42.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.600%
41) Toluene-d8	8.653	98	117150	38.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.480%#
43) trans-1,3-Dichloroprop...	8.952	79	20617	41.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.680%
47) 2-Hexanone-d5	9.385	63	49108	95.100	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	69382	49.488	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	56031	44.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	46846	61.185	ug/L	98
3) Chloromethane	1.295	50	43507	55.054	ug/L	97
5) Vinyl chloride	1.374	62	46225	50.104	ug/L	99
6) Bromomethane	1.599	94	27492	56.962	ug/L	98
8) Chloroethane	1.685	64	30081	48.945	ug/L	100
9) Trichlorofluoromethane	1.886	101	72593	50.423	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	41461	54.838	ug/L	99
12) 1,1-Dichloroethene	2.319	96	37381	53.353	ug/L	95
13) Acetone	2.380	43	45417	83.331	ug/L	98
14) Carbon disulfide	2.514	76	91578	53.158	ug/L	100
15) Methyl Acetate	2.703	43	42232	47.946	ug/L #	89
16) Methylene chloride	2.788	84	42697	52.690	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	39239	52.021	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	128929	50.290	ug/L	100
19) 1,1-Dichloroethane	3.611	63	70146	51.928	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	45955	51.700	ug/L	98
22) 2-Butanone	4.556	43	65897	91.423	ug/L	99
23) Bromochloromethane	4.898	128	24179	51.488	ug/L	93
25) Chloroform	5.093	83	77165	52.491	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	58194	54.427	ug/L	100
29) Cyclohexane	5.471	56	62100	50.139	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	68229	51.125	ug/L	99
31) Carbon tetrachloride	5.678	117	60520	50.783	ug/L	98
33) Benzene	6.038	78	162014	50.165	ug/L	100
34) Trichloroethene	7.123	95	44089	51.902	ug/L	95
35) Methylcyclohexane	7.385	83	67637	50.589	ug/L	100
37) 1,2-Dichloropropane	7.434	63	41147	50.794	ug/L	100
38) Bromodichloromethane	7.824	83	57393	50.875	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	63721	48.295	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	123330	95.343	ug/L	98
42) Toluene	8.720	91	180337	50.631	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	61393	48.413	ug/L	94
45) 1,1,2-Trichloroethane	9.153	97	43818	50.971	ug/L	97
46) Tetrachloroethene	9.275	164	36708	50.954	ug/L	98
48) 2-Hexanone	9.433	43	96198	92.594	ug/L	99
49) Dibromochloromethane	9.525	129	49369	49.826	ug/L	100
50) 1,2-Dibromoethane	9.610	107	45599	49.768	ug/L	99
51) Chlorobenzene	10.080	112	121417	51.679	ug/L	97
52) Ethylbenzene	10.195	91	198677	51.902	ug/L	100
53) m,p-Xylene	10.305	106	79253	51.113	ug/L	99
54) o-Xylene	10.640	106	79870	51.459	ug/L	96
55) Styrene	10.659	104	134446	52.129	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	64853	48.855	ug/L	97
59) Bromoform	10.799	173	36239	46.047	ug/L	99
60) Isopropylbenzene	10.964	105	207315	50.575	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	53015	48.588	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	176329	51.431	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	173678	50.136	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	96826	51.442	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	95564	50.263	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	96138	50.512	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	14525	47.899	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	68790	50.238	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61192	53.165	ug/L	97
71) Naphthalene	13.780	128	234152	60.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	60897	51.647	ug/L	98

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

