

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
 Data File : VX024826.D
 Acq On : 15 Oct 2021 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050691

Quant Time: Oct 18 01:25:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 14 23:04:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	248005	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239099	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125698	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73185	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.32%
7) Chloroethane-d5	1.666	69	59576	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.88%
11) 1,1-Dichloroethene-d2	2.307	63	163850	54.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.70%
21) 2-Butanone-d5	4.465	46	167381	132.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.59%#
24) Chloroform-d	5.062	84	186448	59.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.90%
26) 1,2-Dichloroethane-d4	5.964	65	129612	58.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.86%
32) Benzene-d6	5.977	84	349850	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
36) 1,2-Dichloropropane-d6	7.312	67	110578	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.98%
41) Toluene-d8	8.653	98	329563	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloroprop...	8.952	79	59008	56.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.06%
47) 2-Hexanone-d5	9.385	63	119149	120.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.48%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	175466	60.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.96%#
66) 1,2-Dichlorobenzene-d4	12.323	152	140652	57.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.38%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	117360	53.53	ug/L	100
3) Chloromethane	1.295	50	89071	49.76	ug/L	98
5) Vinyl chloride	1.374	62	91484	50.66	ug/L	98
6) Bromomethane	1.599	94	56418	56.61	ug/L	97
8) Chloroethane	1.685	64	55159	58.51	ug/L	93
9) Trichlorofluoromethane	1.886	101	154151	60.56	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93200	58.83	ug/L	96
12) 1,1-Dichloroethene	2.319	96	82656	58.03	ug/L	89
13) Acetone	2.386	43	141889	113.71	ug/L	91
14) Carbon disulfide	2.514	76	221902	53.96	ug/L	100
15) Methyl Acetate	2.709	43	112025	56.35	ug/L	92
16) Methylene chloride	2.794	84	95433	55.68	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	90023	55.74	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	311791	58.70	ug/L	98
19) 1,1-Dichloroethane	3.617	63	167252	55.43	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	102252	56.10	ug/L	99
22) 2-Butanone	4.568	43	186671	113.00	ug/L	91
23) Bromochloromethane	4.904	128	54117	56.81	ug/L	97
25) Chloroform	5.099	83	191060	56.00	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	153218	57.88	ug/L	97
29) Cyclohexane	5.477	56	155306	52.33	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	167087	53.29	ug/L	98
31) Carbon tetrachloride	5.684	117	146098	53.11	ug/L	99
33) Benzene	6.044	78	385891	52.23	ug/L	100
34) Trichloroethene	7.129	95	105268	51.76	ug/L	97
35) Methylcyclohexane	7.385	83	169398	52.40	ug/L	98
37) 1,2-Dichloropropane	7.434	63	100116	51.45	ug/L	100
38) Bromodichloromethane	7.824	83	134248	54.01	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159539	54.68	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	316848	107.01	ug/L	93
42) Toluene	8.720	91	429488	52.08	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	159202	55.87	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	103299	54.60	ug/L	100
46) Tetrachloroethene	9.275	164	83395	52.61	ug/L	98
48) 2-Hexanone	9.433	43	261614	108.31	ug/L	91
49) Dibromochloromethane	9.525	129	110794	56.31	ug/L	97
50) 1,2-Dibromoethane	9.610	107	112037	54.83	ug/L	100
51) Chlorobenzene	10.080	112	280041	56.34	ug/L	98
52) Ethylbenzene	10.195	91	473967	55.82	ug/L	97
53) m,p-Xylene	10.305	106	189546	57.14	ug/L	100
54) o-Xylene	10.647	106	182893	55.20	ug/L	95
55) Styrene	10.659	104	316688	57.26	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	164399	54.98	ug/L	99
59) Bromoform	10.805	173	79930	56.20	ug/L	97
60) Isopropylbenzene	10.964	105	486662	56.22	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	137084	53.13	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	422050	55.51	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	423430	56.97	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	224981	55.74	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	225862	56.02	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	224864	56.42	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39402	56.81	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	164266	56.65	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	142786	58.20	ug/L	95
71) Naphthalene	13.780	128	507547	61.98	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	149645	59.11	ug/L	97

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

