

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025909.D
 Acq On : 20 Dec 2021 11:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050732

Quant Time: Dec 21 03:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	149992	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52450	43.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.740%
7) Chloroethane-d5	1.666	69	43020	42.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.306	63	92475	44.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
21) 2-Butanone-d5	4.452	46	86337	98.970	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.970%
24) Chloroform-d	5.056	84	100618	43.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
26) 1,2-Dichloroethane-d4	5.958	65	65946	43.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
32) Benzene-d6	5.976	84	196965	43.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	7.312	67	59491	43.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	8.647	98	188166	44.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.180%
43) trans-1,3-Dichloroprop...	8.952	79	26362	43.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.220%
47) 2-Hexanone-d5	9.384	63	58542	95.130	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.130%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88125	45.440	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	70841	43.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58463	45.126	ug/L	99
3) Chloromethane	1.294	50	57848	43.330	ug/L	98
5) Vinyl chloride	1.374	62	59659	43.913	ug/L	98
6) Bromomethane	1.605	94	40448	41.955	ug/L	98
8) Chloroethane	1.685	64	38501	42.834	ug/L	98
9) Trichlorofluoromethane	1.886	101	91235	45.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	45082	46.107	ug/L	88
12) 1,1-Dichloroethene	2.319	96	40202	42.803	ug/L	78
13) Acetone	2.380	43	70296	100.725	ug/L	94
14) Carbon disulfide	2.514	76	118934	43.154	ug/L	100
15) Methyl Acetate	2.703	43	60263	47.659	ug/L #	90
16) Methylene chloride	2.788	84	52092	43.245	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	46842	42.298	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	159157	44.838	ug/L	98
19) 1,1-Dichloroethane	3.605	63	88028	44.075	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	54299	43.234	ug/L	94
22) 2-Butanone	4.550	43	98214	99.195	ug/L	95
23) Bromochloromethane	4.897	128	29136	44.301	ug/L	93
25) Chloroform	5.092	83	94980	43.522	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	78263	44.740	ug/L	96
29) Cyclohexane	5.470	56	79281	45.543	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	80314	44.102	ug/L	97
31) Carbon tetrachloride	5.672	117	70123	45.198	ug/L	100
33) Benzene	6.037	78	205320	43.994	ug/L	100
34) Trichloroethene	7.123	95	53332	43.924	ug/L	91
35) Methylcyclohexane	7.379	83	80205	45.693	ug/L	97
37) 1,2-Dichloropropane	7.427	63	51068	44.133	ug/L	99
38) Bromodichloromethane	7.824	83	70170	44.790	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	77628	45.345	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	171157	96.535	ug/L	96
42) Toluene	8.720	91	225444	44.538	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	74413	46.287	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	53981	44.788	ug/L	97
46) Tetrachloroethene	9.275	164	41115	44.158	ug/L	94
48) 2-Hexanone	9.433	43	141474	97.940	ug/L	98
49) Dibromochloromethane	9.519	129	57209	45.398	ug/L	99
50) 1,2-Dibromoethane	9.610	107	57504	45.102	ug/L	96
51) Chlorobenzene	10.079	112	145534	44.042	ug/L	98
52) Ethylbenzene	10.195	91	243187	44.791	ug/L	98
53) m,p-Xylene	10.299	106	97712	45.205	ug/L	97
54) o-Xylene	10.640	106	93266	44.354	ug/L	93
55) Styrene	10.659	104	160314	45.218	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	85122	45.224	ug/L	99
59) Bromoform	10.799	173	39318	45.392	ug/L	98
60) Isopropylbenzene	10.963	105	238114	43.401	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	70586	45.194	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	203333	43.883	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	206487	44.357	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	108899	42.888	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	108456	42.662	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110624	43.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	17608	48.262	ug/L	86
69) 1,3,5-Trichlorobenzene	13.115	180	69326	42.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	57028	42.424	ug/L	97
71) Naphthalene	13.780	128	215001	46.934	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	58160	43.210	ug/L	98

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

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