

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039429.D
 Acq On : 21 Dec 2023 16:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050716

Quant Time: Dec 22 00:45:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	210496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100257	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	73808	44.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.400%
7) Chloroethane-d5	1.666	69	55988	45.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	2.306	65	35091	48.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.840%
21) 2-Butanone-d5	4.440	46	152015	101.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	5.050	84	146411	50.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
26) 1,2-Dichloroethane-d4	5.946	65	99043	52.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.660%
32) Benzene-d6	5.964	84	285540	46.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
36) 1,2-Dichloropropane-d6	7.299	67	93142	47.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.060%
41) Toluene-d8	8.646	98	256068	46.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.945	79	44145	44.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
47) 2-Hexanone-d5	9.378	63	111878	95.578	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140574	50.562	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	12.317	152	91076	48.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90069	53.655	ug/L	98
3) Chloromethane	1.294	50	94715	53.982	ug/L	98
5) Vinyl chloride	1.373	62	90866	52.546	ug/L	98
6) Bromomethane	1.605	94	52333	56.067	ug/L	99
8) Chloroethane	1.690	64	50680	51.840	ug/L	96
9) Trichlorofluoromethane	1.885	101	125930	56.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	82115	56.960	ug/L	99
12) 1,1-Dichloroethene	2.318	96	74829	55.182	ug/L	90
13) Acetone	2.373	43	132732	92.450	ug/L	96
14) Carbon disulfide	2.513	76	206142	47.772	ug/L	100
15) Methyl Acetate	2.696	43	113391	55.255	ug/L	98
16) Methylene chloride	2.788	84	86266	55.370	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	77101	53.963	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	276628	55.623	ug/L	98
19) 1,1-Dichloroethane	3.605	63	155893	55.181	ug/L	98
20) cis-1,2-Dichloroethene	4.476	96	88683	53.513	ug/L	98
22) 2-Butanone	4.544	43	170681	96.868	ug/L	98
23) Bromochloromethane	4.891	128	40940	52.553	ug/L	98
25) Chloroform	5.086	83	159253	56.516	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	132735	59.683	ug/L	96
29) Cyclohexane	5.458	56	142708	51.699	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	130462	54.491	ug/L	98
31) Carbon tetrachloride	5.671	117	103424	51.776	ug/L	99
33) Benzene	6.031	78	328467	52.380	ug/L	100
34) Trichloroethene	7.116	95	89380	53.934	ug/L	96
35) Methylcyclohexane	7.372	83	139789	50.647	ug/L	98
37) 1,2-Dichloropropane	7.421	63	92130	52.975	ug/L	100
38) Bromodichloromethane	7.817	83	111453	52.689	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	140779	50.754	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	309239	106.095	ug/L	98
42) Toluene	8.713	91	349245	52.520	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	133330	51.798	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	84678	53.130	ug/L	98
46) Tetrachloroethene	9.268	164	57350	52.460	ug/L	95
48) 2-Hexanone	9.427	43	247495	101.452	ug/L	98
49) Dibromochloromethane	9.518	129	78800	50.751	ug/L	98
50) 1,2-Dibromoethane	9.604	107	91313	53.478	ug/L	98
51) Chlorobenzene	10.073	112	217424	52.933	ug/L	95
52) Ethylbenzene	10.189	91	401082	53.952	ug/L	98
53) m,p-Xylene	10.299	106	146753	52.798	ug/L	100
54) o-Xylene	10.640	106	140639	52.731	ug/L	99
55) Styrene	10.652	104	244967	53.680	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	147778	53.129	ug/L	99
59) Bromoform	10.799	173	53168	45.123	ug/L	100
60) Isopropylbenzene	10.957	105	384795	52.525	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	117927	53.695	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	332513	53.763	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	326071	53.766	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	162231	51.738	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	165539	52.098	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	160357	53.462	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.938	75	35338	51.556	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	108054	52.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	102346	52.354	ug/L	98
71) Naphthalene	13.774	128	342323	51.060	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	98949	52.275	ug/L	99

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

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