

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010125\
 Data File : VX044581.D
 Acq On : 31 Dec 2024 15:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050814

Quant Time: Jan 01 00:44:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 31 01:02:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	210276	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	90767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	68763	35.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.460%
7) Chloroethane-d5	1.648	69	64626	43.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.700%
11) 1,1-Dichloroethene-d2	2.294	65	37944	46.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
21) 2-Butanone-d5	4.458	46	112712	95.670	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.670%
24) Chloroform-d	5.050	84	165798	45.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	5.952	65	106518	41.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.460%
32) Benzene-d6	5.964	84	285085	43.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	7.305	67	90869	44.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.060%
41) Toluene-d8	8.647	98	253183	41.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	8.945	79	41208	42.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.040%
47) 2-Hexanone-d5	9.384	63	77483	97.380	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130452	47.674	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.340%
66) 1,2-Dichlorobenzene-d4	12.317	152	95777	45.288	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67627	39.658	ug/L	99
3) Chloromethane	1.294	50	60014	38.150	ug/L	100
5) Vinyl chloride	1.374	62	66893	39.413	ug/L	97
6) Bromomethane	1.593	94	43264	37.505	ug/L	100
8) Chloroethane	1.672	64	48111	42.819	ug/L	97
9) Trichlorofluoromethane	1.873	101	134456	42.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	77149	55.396	ug/L	98
12) 1,1-Dichloroethene	2.306	96	63711	51.396	ug/L #	58
13) Acetone	2.386	43	78337	74.726	ug/L	92
14) Carbon disulfide	2.501	76	99143	42.219	ug/L	100
15) Methyl Acetate	2.703	43	86861	51.095	ug/L	97
16) Methylene chloride	2.782	84	70581	49.479	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	57615	44.627	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	234208	44.958	ug/L	98
19) 1,1-Dichloroethane	3.599	63	124405	45.932	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	75426	47.790	ug/L	96
22) 2-Butanone	4.562	43	103019	81.419	ug/L	96
23) Bromochloromethane	4.891	128	39739	51.630	ug/L	96
25) Chloroform	5.086	83	141723	46.493	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	109134	43.065	ug/L	96
29) Cyclohexane	5.464	56	95025	40.266	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	115998	44.927	ug/L	97
31) Carbon tetrachloride	5.665	117	92494	45.737	ug/L	99
33) Benzene	6.031	78	261958	45.354	ug/L	100
34) Trichloroethene	7.122	95	70927	44.978	ug/L	99
35) Methylcyclohexane	7.372	83	100014	43.782	ug/L	98
37) 1,2-Dichloropropane	7.427	63	70765	45.628	ug/L	98
38) Bromodichloromethane	7.817	83	91302	44.933	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	115463	47.531	ug/L	96
40) 4-Methyl-2-pentanone	8.573	43	209612	87.299	ug/L	96
42) Toluene	8.714	91	282368	46.139	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	102430	44.487	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	75459	47.478	ug/L	99
46) Tetrachloroethene	9.268	164	54499	51.809	ug/L	97
48) 2-Hexanone	9.427	43	152022	80.413	ug/L	97
49) Dibromochloromethane	9.518	129	69177	49.242	ug/L	96
50) 1,2-Dibromoethane	9.610	107	77279	47.082	ug/L	98
51) Chlorobenzene	10.079	112	184461	46.980	ug/L	95
52) Ethylbenzene	10.189	91	309353	45.890	ug/L	98
53) m,p-Xylene	10.299	106	116154	47.571	ug/L	94
54) o-Xylene	10.640	106	115783	46.113	ug/L	99
55) Styrene	10.652	104	193011	47.132	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	111825	45.355	ug/L	98
59) Bromoform	10.799	173	44978	49.386	ug/L	99
60) Isopropylbenzene	10.963	105	312236	44.579	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	87924	41.823	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	256010	44.045	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	248701	43.598	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	135992	46.818	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	136544	46.975	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	140760	47.726	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	19827	41.497	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	90217	49.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	77914	48.264	ug/L	95
71) Naphthalene	13.774	128	280659	42.644	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	83897	48.922	ug/L	97

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

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