

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043855.D
 Acq On : 14 Nov 2024 16:07
 Operator : JC/MD
 Sample : VSTD10039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100639

Quant Time: Nov 15 02:07:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	238563	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	146756	99.072	ug/L	0.00
7) Chloroethane-d5	1.648	69	97679	99.681	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	70363	105.279	ug/L	0.00
21) 2-Butanone-d5	4.459	46	158141	200.751	ug/L	0.00
24) Chloroform-d	5.050	84	315741	100.181	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	197817	98.286	ug/L	0.00
32) Benzene-d6	5.964	84	587612	98.060	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	169163	99.120	ug/L	0.00
41) Toluene-d8	8.647	98	563127	99.385	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	90583	105.318	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	129650	205.631	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	232889	99.172	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	223713	96.750	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	172473	97.117	ug/L	99
3) Chloromethane	1.295	50	141796	98.974	ug/L	97
5) Vinyl chloride	1.374	62	148833	96.166	ug/L	99
6) Bromomethane	1.593	94	100486	98.917	ug/L	95
8) Chloroethane	1.666	64	81981	98.098	ug/L	94
9) Trichlorofluoromethane	1.868	101	272276	98.175	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	155287	99.267	ug/L	99
12) 1,1-Dichloroethene	2.307	96	140333	97.608	ug/L #	71
13) Acetone	2.386	43	174259	184.365	ug/L	99
14) Carbon disulfide	2.502	76	330977	109.141	ug/L	99
15) Methyl Acetate	2.703	43	127390	97.835	ug/L	98
16) Methylene chloride	2.782	84	152872	97.346	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	145564	100.445	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	496543	98.293	ug/L	99
19) 1,1-Dichloroethane	3.605	63	248486	97.246	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	170578	98.085	ug/L	96
22) 2-Butanone	4.562	43	193805	185.776	ug/L	98
23) Bromochloromethane	4.891	128	92457	98.927	ug/L	93
25) Chloroform	5.087	83	292047	98.643	ug/L	95
27) 1,2-Dichloroethane	6.080	62	226612	97.622	ug/L	99
29) Cyclohexane	5.458	56	217301	97.090	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	264415	98.509	ug/L	99
31) Carbon tetrachloride	5.672	117	237188	102.405	ug/L	98
33) Benzene	6.032	78	557502	94.878	ug/L	100
34) Trichloroethene	7.123	95	165703	84.955	ug/L	97
35) Methylcyclohexane	7.373	83	242346	97.215	ug/L	99
37) 1,2-Dichloropropane	7.428	63	139897	97.581	ug/L	100
38) Bromodichloromethane	7.818	83	202552	101.852	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	249907	102.972	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	323620	189.245	ug/L	99
42) Toluene	8.714	91	623838	97.288	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	234941	104.368	ug/L	100

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45) 1,1,2-Trichloroethane	9.147	97	157065	95.075	ug/L	99
46) Tetrachloroethene	9.269	164	135726	96.738	ug/L	98
48) 2-Hexanone	9.433	43	269035	193.461	ug/L	100
49) Dibromochloromethane	9.519	129	170047	104.662	ug/L	99
50) 1,2-Dibromoethane	9.610	107	171215	96.397	ug/L	97
51) Chlorobenzene	10.080	112	425153	97.048	ug/L	99
52) Ethylbenzene	10.189	91	693686	98.888	ug/L	100
53) m,p-Xylene	10.299	106	278666	98.816	ug/L	96
54) o-Xylene	10.640	106	273512	97.415	ug/L	99
55) Styrene	10.653	104	460992	100.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	228866	96.055	ug/L	98
59) Bromoform	10.799	173	121431	105.792	ug/L	97
60) Isopropylbenzene	10.957	105	714945	95.894	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	173893	91.974	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	614123	97.815	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	613098	98.093	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	341052	96.290	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	333621	94.308	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	339523	94.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	47185	103.268	ug/L	88
69) 1,3,5-Trichlorobenzene	13.110	180	235500	99.210	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	216384	101.873	ug/L	99
71) Naphthalene	13.774	128	751557	100.717	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	219993	100.878	ug/L	99

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

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