

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044138.D
 Acq On : 05 Dec 2024 10:38
 Operator : JC/MD
 Sample : VSTD01049
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010649

Quant Time: Dec 06 03:30:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:29:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	231076	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	81915	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	20593	9.656	ug/L	0.00
7) Chloroethane-d5	1.648	69	17610	11.876	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	8572	9.569	ug/L	0.00
21) 2-Butanone-d5	4.464	46	24574	18.906	ug/L	0.00
24) Chloroform-d	5.050	84	37535	9.391	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	28788	10.309	ug/L	0.00
32) Benzene-d6	5.970	84	67514	9.534	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	21424	9.798	ug/L	0.00
41) Toluene-d8	8.646	98	61415	9.488	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	8704	8.229	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	14922	17.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	26976	9.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	19944	10.554	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17741	9.345	ug/L	94
3) Chloromethane	1.294	50	16203	9.424	ug/L	99
5) Vinyl chloride	1.373	62	17417	9.313	ug/L	99
6) Bromomethane	1.593	94	11897	9.830	ug/L	95
8) Chloroethane	1.666	64	12929	10.795	ug/L	97
9) Trichlorofluoromethane	1.873	101	29304	7.718	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	14063	9.343	ug/L	96
12) 1,1-Dichloroethene	2.306	96	12391	9.236	ug/L #	47
13) Acetone	2.385	43	22841	20.623	ug/L	89
14) Carbon disulfide	2.501	76	19519	8.268	ug/L #	94
15) Methyl Acetate	2.709	43	17446	9.606	ug/L	94
16) Methylene chloride	2.782	84	14761	9.690	ug/L	86
17) trans-1,2-Dichloroethene	3.087	96	12757	9.209	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	53276	9.436	ug/L	96
19) 1,1-Dichloroethane	3.605	63	27077	9.127	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	15847	9.307	ug/L	95
22) 2-Butanone	4.574	43	25143	18.377	ug/L	93
23) Bromochloromethane	4.897	128	7500	8.856	ug/L	88
25) Chloroform	5.086	83	30501	9.077	ug/L	94
27) 1,2-Dichloroethane	6.086	62	26255	9.486	ug/L	98
29) Cyclohexane	5.464	56	22753	9.043	ug/L #	89
30) 1,1,1-Trichloroethane	5.379	97	24752	9.156	ug/L	94
31) Carbon tetrachloride	5.671	117	17832	8.243	ug/L	99
33) Benzene	6.031	78	55381	8.883	ug/L	100
34) Trichloroethene	7.122	95	15406	9.355	ug/L	86
35) Methylcyclohexane	7.372	83	22457	8.873	ug/L	97
37) 1,2-Dichloropropane	7.427	63	15632	9.561	ug/L	99
38) Bromodichloromethane	7.817	83	18441	8.650	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	20831	7.731	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	44928	17.302	ug/L	94
42) Toluene	8.714	91	60392	9.221	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	19896	7.884	ug/L	100

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45) 1,1,2-Trichloroethane	9.152	97	15736	9.426	ug/L	97
46) Tetrachloroethene	9.274	164	9613	8.791	ug/L	92
48) 2-Hexanone	9.433	43	35951	17.144	ug/L	94
49) Dibromochloromethane	9.518	129	11821	8.170	ug/L	91
50) 1,2-Dibromoethane	9.610	107	15771	9.117	ug/L #	99
51) Chlorobenzene	10.079	112	38286	9.423	ug/L	97
52) Ethylbenzene	10.189	91	64596	8.880	ug/L	97
53) m,p-Xylene	10.299	106	22857	8.554	ug/L	98
54) o-Xylene	10.640	106	24022	8.907	ug/L	95
55) Styrene	10.658	104	36673	8.171	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	24140	9.221	ug/L #	97
59) Bromoform	10.799	173	6674	8.182	ug/L #	95
60) Isopropylbenzene	10.963	105	60790	9.187	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	19720	10.307	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	49895	9.164	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	49328	9.224	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	24408	9.403	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	24952	9.437	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	25026	9.261	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	3611	8.103	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.115	180	14620	8.754	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	12294	8.278	ug/L	98
71) Naphthalene	13.774	128	51059	8.362	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	13577	8.590	ug/L	97

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

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