

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040602.D
 Acq On : 06 Mar 2024 13:59
 Operator : JC/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050664

Quant Time: Mar 07 01:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152532	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	68306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70580	56.750	ug/L	0.00
7) Chloroethane-d5	1.666	69	56476	60.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	30748	56.528	ug/L	0.00
21) 2-Butanone-d5	4.453	46	107946	99.854	ug/L	0.00
24) Chloroform-d	5.056	84	132760	59.643	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	94174	63.426	ug/L	0.00
32) Benzene-d6	5.971	84	235382	52.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	72838	50.289	ug/L	0.00
41) Toluene-d8	8.647	98	222103	53.616	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	38532	51.893	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	80531	95.099	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108840	52.600	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	75865	56.746	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70319	56.408	ug/L	100
3) Chloromethane	1.295	50	61589	49.007	ug/L	100
5) Vinyl chloride	1.374	62	67673	53.551	ug/L	100
6) Bromomethane	1.605	94	40209	58.760	ug/L	100
8) Chloroethane	1.685	64	40148	55.507	ug/L	100
9) Trichlorofluoromethane	1.886	101	91285	55.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	54871	52.608	ug/L	100
12) 1,1-Dichloroethene	2.319	96	48903	50.270	ug/L	100
13) Acetone	2.380	43	74839	76.808	ug/L	100
14) Carbon disulfide	2.514	76	140884	46.349	ug/L	100
15) Methyl Acetate	2.703	43	64364	44.998	ug/L	100
16) Methylene chloride	2.788	84	53106	47.940	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	49251	48.519	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	175776	49.317	ug/L	100
19) 1,1-Dichloroethane	3.611	63	98918	49.062	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	55967	47.683	ug/L	100
22) 2-Butanone	4.556	43	101992	84.179	ug/L	100
23) Bromochloromethane	4.898	128	28198	50.338	ug/L	100
25) Chloroform	5.093	83	108838	52.994	ug/L	100
27) 1,2-Dichloroethane	6.086	62	97148	58.306	ug/L	100
29) Cyclohexane	5.471	56	84254	43.402	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	94840	53.651	ug/L	100
31) Carbon tetrachloride	5.678	117	80354	54.420	ug/L	100
33) Benzene	6.038	78	204921	45.946	ug/L	100
34) Trichloroethene	7.123	95	60543	50.298	ug/L	100
35) Methylcyclohexane	7.379	83	88346	45.194	ug/L	100
37) 1,2-Dichloropropane	7.428	63	55069	44.843	ug/L	100
38) Bromodichloromethane	7.824	83	80434	51.958	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	92690	46.829	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	188592	91.288	ug/L	100
42) Toluene	8.720	91	227911	47.749	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	89736	48.468	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	56388	48.975	ug/L	100
46) Tetrachloroethene	9.275	164	43168	53.439	ug/L	100
48) 2-Hexanone	9.427	43	154411	89.871	ug/L	100
49) Dibromochloromethane	9.519	129	59504	52.367	ug/L	100
50) 1,2-Dibromoethane	9.610	107	60954	49.351	ug/L	100
51) Chlorobenzene	10.080	112	144064	48.623	ug/L	100
52) Ethylbenzene	10.195	91	264753	49.280	ug/L	100
53) m,p-Xylene	10.299	106	95894	48.048	ug/L	100
54) o-Xylene	10.640	106	92955	48.512	ug/L	100
55) Styrene	10.653	104	162447	49.387	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	91668	46.191	ug/L	100
59) Bromoform	10.799	173	45110	55.313	ug/L	100
60) Isopropylbenzene	10.964	105	264306	52.976	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76734	51.506	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	220827	52.473	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	220819	53.257	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	105006	49.865	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	106725	49.746	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	103803	51.062	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	21981	48.145	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	76480	53.894	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	74341	55.034	ug/L	100
71) Naphthalene	13.774	128	240603	52.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	72892	55.641	ug/L	100

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

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