

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027010.D
 Acq On : 14 Feb 2022 10:57
 Operator : JC/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050662

Quant Time: Feb 15 05:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 04:56:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	133074	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	124111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	58972	49.925	ug/L	0.00
7) Chloroethane-d5	1.673	69	41022	54.124	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	111365	49.170	ug/L	0.00
21) 2-Butanone-d5	4.459	46	86411	105.316	ug/L	0.00
24) Chloroform-d	5.062	84	112045	50.511	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	71855	49.982	ug/L	0.00
32) Benzene-d6	5.977	84	228011	50.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	67228	50.620	ug/L	0.00
41) Toluene-d8	8.653	98	210136	51.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	31061	51.295	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	62566	108.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	80793	51.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	74800	50.416	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	61689	43.190	ug/L	100
3) Chloromethane	1.295	50	49049	43.635	ug/L	100
5) Vinyl chloride	1.380	62	48833	43.210	ug/L	100
6) Bromomethane	1.618	94	20657	42.969	ug/L	100
8) Chloroethane	1.691	64	26480	43.342	ug/L	100
9) Trichlorofluoromethane	1.892	101	67297	42.807	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	43941	43.354	ug/L	100
12) 1,1-Dichloroethene	2.325	96	40563	43.565	ug/L	100
13) Acetone	2.386	43	59418	86.048	ug/L	100
14) Carbon disulfide	2.520	76	119400	43.288	ug/L	100
15) Methyl Acetate	2.703	43	47590	44.614	ug/L	100
16) Methylene chloride	2.794	84	44475	43.595	ug/L	100
17) trans-1,2-Dichloroethene	3.099	96	43043	43.690	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	132703	43.892	ug/L	100
19) 1,1-Dichloroethane	3.617	63	76386	43.470	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	47404	43.848	ug/L	100
22) 2-Butanone	4.556	43	77881	88.057	ug/L	100
23) Bromochloromethane	4.904	128	24191	43.819	ug/L	100
25) Chloroform	5.099	83	82233	43.748	ug/L	100
27) 1,2-Dichloroethane	6.092	62	62750	43.160	ug/L	100
29) Cyclohexane	5.477	56	75326	44.269	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	70967	43.941	ug/L	100
31) Carbon tetrachloride	5.684	117	62374	43.536	ug/L	100
33) Benzene	6.044	78	177264	44.203	ug/L	100
34) Trichloroethene	7.129	95	50486	44.011	ug/L	100
35) Methylcyclohexane	7.385	83	77602	44.765	ug/L	100
37) 1,2-Dichloropropane	7.434	63	43539	43.168	ug/L	100
38) Bromodichloromethane	7.824	83	59715	44.108	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	67643	44.749	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	131595	91.789	ug/L	100
42) Toluene	8.720	91	189994	44.127	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	64091	45.115	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	43495	44.105	ug/L	100
46) Tetrachloroethene	9.275	164	37148	43.738	ug/L	100
48) 2-Hexanone	9.433	43	107227	92.381	ug/L	100
49) Dibromochloromethane	9.525	129	47974	44.359	ug/L	100
50) 1,2-Dibromoethane	9.610	107	45729	44.171	ug/L	100
51) Chlorobenzene	10.080	112	122454	44.414	ug/L	100
52) Ethylbenzene	10.195	91	205229	44.312	ug/L	100
53) m,p-Xylene	10.299	106	80806	44.255	ug/L	100
54) o-Xylene	10.640	106	78312	44.836	ug/L	100
55) Styrene	10.653	104	134622	45.511	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	57906	44.344	ug/L	100
59) Bromoform	10.799	173	32517	43.385	ug/L	100
60) Isopropylbenzene	10.964	105	207622	43.996	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	53803	43.429	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	145830	44.802	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	178020	45.033	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	92143	43.893	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	92175	43.633	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	88700	43.703	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	13024	43.292	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	63418	43.961	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	55366	43.471	ug/L	100
71) Naphthalene	13.780	128	191294	45.109	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	54820	43.049	ug/L	100

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

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