

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027008.D
 Acq On : 14 Feb 2022 10:11
 Operator : JC/MD
 Sample : VSTD00560
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005660

Quant Time: Feb 15 04:59:45 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	129029	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	5288	4.617	ug/L	0.00
7) Chloroethane-d5	1.672	69	3309	4.503	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	10042	4.573	ug/L	0.00
21) 2-Butanone-d5	4.465	46	6516	8.191	ug/L	0.00
24) Chloroform-d	5.056	84	9250	4.301	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	6276	4.502	ug/L	0.00
32) Benzene-d6	5.971	84	19111	4.456	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	5662	4.445	ug/L	0.00
41) Toluene-d8	8.647	98	17082	4.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	2245	3.865	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	4242	7.702	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	6645	4.414	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	6113	4.400	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	6917	4.995	ug/L	99
3) Chloromethane	1.295	50	5449	5.000	ug/L	97
5) Vinyl chloride	1.380	62	5535	5.051	ug/L	96
6) Bromomethane	1.618	94	2454	5.265	ug/L	93
8) Chloroethane	1.697	64	2860	4.828	ug/L	91
9) Trichlorofluoromethane	1.892	101	7624	5.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	4922	5.009	ug/L	99
12) 1,1-Dichloroethene	2.325	96	4512	4.998	ug/L	84
13) Acetone	2.386	43	7472	11.160	ug/L	100
14) Carbon disulfide	2.520	76	13052	4.880	ug/L	99
15) Methyl Acetate	2.703	43	4686	4.531	ug/L	98
16) Methylene chloride	2.794	84	4936	4.990	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	4637	4.854	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	14035	4.788	ug/L	98
19) 1,1-Dichloroethane	3.611	63	8063	4.732	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	5024	4.793	ug/L	97
22) 2-Butanone	4.562	43	8591	10.018	ug/L	97
23) Bromochloromethane	4.904	128	2624	4.902	ug/L	88
25) Chloroform	5.093	83	9015	4.946	ug/L	97
27) 1,2-Dichloroethane	6.092	62	6840	4.852	ug/L	98
29) Cyclohexane	5.477	56	7696	4.715	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	7537	4.865	ug/L #	78
31) Carbon tetrachloride	5.678	117	6556	4.771	ug/L	97
33) Benzene	6.038	78	18852	4.901	ug/L	100
34) Trichloroethene	7.123	95	5430	4.935	ug/L	95
35) Methylcyclohexane	7.379	83	7852	4.722	ug/L	96
37) 1,2-Dichloropropane	7.434	63	4755	4.915	ug/L #	93
38) Bromodichloromethane	7.818	83	5934	4.569	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	6215	4.286	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	12832	9.331	ug/L	99
42) Toluene	8.720	91	19883	4.814	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	5760	4.227	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	4536	4.795	ug/L	96
46) Tetrachloroethene	9.275	164	4094	5.025	ug/L	93
48) 2-Hexanone	9.433	43	11046	9.921	ug/L	96
49) Dibromochloromethane	9.519	129	4753	4.582	ug/L	97
50) 1,2-Dibromoethane	9.610	107	4687	4.720	ug/L	92
51) Chlorobenzene	10.080	112	12637	4.778	ug/L	97
52) Ethylbenzene	10.195	91	21482	4.836	ug/L	100
53) m,p-Xylene	10.299	106	8292	4.734	ug/L	95
54) o-Xylene	10.640	106	8005	4.778	ug/L	97
55) Styrene	10.653	104	13136	4.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	6400	5.109	ug/L	96
59) Bromoform	10.799	173	3127	4.456	ug/L	96
60) Isopropylbenzene	10.964	105	20683	4.681	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	5916	5.100	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	13768	4.517	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	16817	4.543	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	9533	4.850	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	9698	4.903	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	9270	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	1148	4.075	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	6271	4.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	5217	4.375	ug/L	99
71) Naphthalene	13.780	128	16364	4.121	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	5373	4.506	ug/L	98

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

