

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037016.D
 Acq On : 26 Aug 2024 10:38
 Operator : SY/MD
 Sample : VSTD20069
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200269

Quant Time: Aug 27 01:04:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	719608	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	713059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	379149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1287119	195.531	ug/L	0.00
7) Chloroethane-d5	1.526	69	986948	193.995	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	534505	193.191	ug/L	0.00
21) 2-Butanone-d5	3.786	46	1100633	454.991	ug/L	0.00
24) Chloroform-d	4.243	84	2082194	202.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	1291792	199.106	ug/L	0.00
32) Benzene-d6	4.950	84	4187906	194.450	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1338897	198.481	ug/L	0.00
41) Toluene-d8	7.236	98	3840807	197.598	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	668160	214.094	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	842142	473.525	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	1670746	204.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	1478595	194.716	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	1241067	204.090	ug/L	100
3) Chloromethane	1.217	50	1405426	205.507	ug/L	99
5) Vinyl chloride	1.282	62	1333554	207.717	ug/L	100
6) Bromomethane	1.475	94	758129	210.744	ug/L	99
8) Chloroethane	1.542	64	818982	208.555	ug/L	100
9) Trichlorofluoromethane	1.709	101	1706374	203.670	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1022209	205.132	ug/L	99
12) 1,1-Dichloroethene	2.066	96	966494	205.865	ug/L	97
13) Acetone	2.111	43	946481	354.790	ug/L	100
14) Carbon disulfide	2.237	76	2960814	207.741	ug/L	100
15) Methyl Acetate	2.368	43	981086	214.051	ug/L	99
16) Methylene chloride	2.442	84	1075409	203.023	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	1011431	207.525	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	3262096	212.772	ug/L	100
19) 1,1-Dichloroethane	3.101	63	1992789	205.890	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1158017	215.024	ug/L	100
22) 2-Butanone	3.867	43	1245431	429.627	ug/L	98
23) Bromochloromethane	4.137	128	564748	213.622	ug/L	97
25) Chloroform	4.269	83	1998497	203.881	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1537222	214.950	ug/L	100
29) Cyclohexane	4.571	56	1754559	209.274	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1687779	205.709	ug/L	100
31) Carbon tetrachloride	4.725	117	1444740	208.681	ug/L	99
33) Benzene	5.002	78	4262031	207.112	ug/L	100
34) Trichloroethene	5.825	95	1121792	206.534	ug/L	98
35) Methylcyclohexane	6.043	83	1854304	211.968	ug/L	99
37) 1,2-Dichloropropane	6.088	63	1147792	207.823	ug/L	100
38) Bromodichloromethane	6.426	83	1511990	213.832	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1959557	228.084	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	2480165	455.117	ug/L	99
42) Toluene	7.310	91	4535836	211.700	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1773491	230.941	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	1073445	209.020	ug/L	98
46) Tetrachloroethene	7.899	164	814071	208.890	ug/L	98
48) 2-Hexanone	8.072	43	1837578	436.529	ug/L	99
49) Dibromochloromethane	8.172	129	1134944	220.705	ug/L	99
50) 1,2-Dibromoethane	8.275	107	1127146	216.893	ug/L	99
51) Chlorobenzene	8.809	112	2959621	208.650	ug/L	100
52) Ethylbenzene	8.940	91	5226833	215.972	ug/L	100
53) m,p-Xylene	9.066	106	1991134	222.055	ug/L	100
54) o-Xylene	9.474	106	1958045	223.023	ug/L	98
55) Styrene	9.490	104	3434505	226.881	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	1654764	217.559	ug/L	100
59) Bromoform	9.657	173	798783	226.006	ug/L	100
60) Isopropylbenzene	9.860	105	5252161	213.677	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	1222404	207.254	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	4422654	219.920	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	4455709	222.017	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	2369056	208.726	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	2416327	208.004	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	2316046	207.529	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	342694	232.982	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	1690426	214.045	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	1629724	219.148	ug/L	100
71) Naphthalene	13.432	128	4897148	228.051	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	1576329	215.093	ug/L	98

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

