

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034825.D
 Acq On : 26 Mar 2024 13:30
 Operator : SY/MD
 Sample : VSTD05037
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050237

Quant Time: Mar 27 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	430177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	410046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	210555	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	204678	53.981	ug/L	0.00
7) Chloroethane-d5	1.529	69	194457	63.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	90475	53.053	ug/L	0.00
21) 2-Butanone-d5	3.783	46	258307	103.796	ug/L	0.00
24) Chloroform-d	4.246	84	353215	52.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	220139	51.059	ug/L	0.00
32) Benzene-d6	4.957	84	699846	55.393	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	223408	57.103	ug/L	0.00
41) Toluene-d8	7.239	98	634097	55.445	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	109838	56.472	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	175553	95.805	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	306903	59.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	233921	53.273	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	157081	37.273	ug/L	100
3) Chloromethane	1.217	50	203914	46.855	ug/L	100
5) Vinyl chloride	1.285	62	212934	49.779	ug/L	100
6) Bromomethane	1.487	94	179102	64.293	ug/L	100
8) Chloroethane	1.548	64	146215	55.844	ug/L	100
9) Trichlorofluoromethane	1.712	101	279068	44.676	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	170725	49.507	ug/L	100
12) 1,1-Dichloroethene	2.069	96	163786	50.848	ug/L	100
13) Acetone	2.117	43	224987	79.270	ug/L	100
14) Carbon disulfide	2.243	76	452064	50.710	ug/L	100
15) Methyl Acetate	2.371	43	187497	49.723	ug/L	100
16) Methylene chloride	2.445	84	176770	51.577	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	159127	51.035	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	576143	51.540	ug/L	100
19) 1,1-Dichloroethane	3.111	63	328346	53.401	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	181835	53.419	ug/L	100
22) 2-Butanone	3.863	43	265133	91.984	ug/L	100
23) Bromochloromethane	4.146	128	92085	52.638	ug/L	100
25) Chloroform	4.275	83	326512	51.529	ug/L	100
27) 1,2-Dichloroethane	5.037	62	263645	51.502	ug/L	100
29) Cyclohexane	4.584	56	264240	49.656	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	275078	47.808	ug/L	100
31) Carbon tetrachloride	4.735	117	231879	45.813	ug/L	100
33) Benzene	5.008	78	698419	54.363	ug/L	100
34) Trichloroethene	5.831	95	184592	51.060	ug/L	100
35) Methylcyclohexane	6.050	83	283289	51.728	ug/L	100
37) 1,2-Dichloropropane	6.092	63	194524	57.008	ug/L	100
38) Bromodichloromethane	6.429	83	247162	52.630	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	311802	56.985	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	510327	104.533	ug/L	100
42) Toluene	7.313	91	735609	54.143	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	291607	55.611	ug/L	100

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45) 1,1,2-Trichloroethane	7.767	97	181015	55.377	ug/L	100
46) Tetrachloroethene	7.902	164	128162	48.364	ug/L	100
48) 2-Hexanone	8.072	43	418989	107.754	ug/L	100
49) Dibromochloromethane	8.175	129	180789	53.051	ug/L	100
50) 1,2-Dibromoethane	8.278	107	194456	55.983	ug/L	100
51) Chlorobenzene	8.812	112	467577	53.131	ug/L	100
52) Ethylbenzene	8.944	91	809147	53.356	ug/L	100
53) m,p-Xylene	9.072	106	300799	52.294	ug/L	100
54) o-Xylene	9.477	106	301184	53.374	ug/L	100
55) Styrene	9.493	104	514252	53.918	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	296106	59.040	ug/L	100
59) Bromoform	9.664	173	124443	53.087	ug/L	100
60) Isopropylbenzene	9.863	105	800582	53.549	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	236748	57.207	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	531635	44.224	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	660115	53.091	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	363257	52.510	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	369817	52.423	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	360767	51.997	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	66659	55.031	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	264338	51.336	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	242719	52.310	ug/L	100
71) Naphthalene	13.435	128	651347	53.106	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	242062	53.554	ug/L	100

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

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