

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043476.D
 Acq On : 22 Oct 2024 10:25
 Operator : JC/MD
 Sample : VSTD20016
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200616

Quant Time: Oct 23 01:45:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 01:43:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	118298	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	107882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	52600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	135752	204.441	ug/L	0.00
7) Chloroethane-d5	1.654	69	63655	197.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	64565	208.399	ug/L	0.00
21) 2-Butanone-d5	4.471	46	187758	440.110	ug/L	0.00
24) Chloroform-d	5.056	84	346752	211.042	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	213624	204.452	ug/L	0.00
32) Benzene-d6	5.970	84	618078	205.654	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	189205	204.186	ug/L	0.00
41) Toluene-d8	8.647	98	559115	204.518	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	92777	230.949	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	129054	447.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	218310	211.368	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	202868	200.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	191744	208.828	ug/L	98
3) Chloromethane	1.294	50	198787	216.053	ug/L	97
5) Vinyl chloride	1.380	62	181702	213.030	ug/L	98
6) Bromomethane	1.599	94	75908	213.306	ug/L	94
8) Chloroethane	1.672	64	61419	187.057	ug/L	94
9) Trichlorofluoromethane	1.867	101	251028	216.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	143231	210.789	ug/L	99
12) 1,1-Dichloroethene	2.313	96	136945	218.194	ug/L	98
13) Acetone	2.398	43	157975	374.469	ug/L	98
14) Carbon disulfide	2.508	76	343745	245.450	ug/L	98
15) Methyl Acetate	2.715	43	153152	207.758	ug/L	99
16) Methylene chloride	2.788	84	166042	212.818	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	155077	222.818	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	531554	220.664	ug/L	100
19) 1,1-Dichloroethane	3.605	63	315760	222.274	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	192934	225.491	ug/L	96
22) 2-Butanone	4.574	43	216926	425.560	ug/L	99
23) Bromochloromethane	4.897	128	88792	220.102	ug/L	88
25) Chloroform	5.093	83	345050	220.336	ug/L	99
27) 1,2-Dichloroethane	6.086	62	265747	220.571	ug/L	# 95
29) Cyclohexane	5.464	56	247488	212.280	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	286712	221.620	ug/L	99
31) Carbon tetrachloride	5.678	117	231369	225.153	ug/L	99
33) Benzene	6.037	78	664364	215.765	ug/L	100
34) Trichloroethene	7.123	95	178093	217.644	ug/L	97
35) Methylcyclohexane	7.379	83	243809	217.180	ug/L	99
37) 1,2-Dichloropropane	7.427	63	174432	217.908	ug/L	98
38) Bromodichloromethane	7.824	83	239780	234.003	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	290299	236.923	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	418429	451.556	ug/L	99
42) Toluene	8.720	91	694791	218.570	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	259680	246.394	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	158673	218.271	ug/L	98
46) Tetrachloroethene	9.275	164	119288	215.552	ug/L	95
48) 2-Hexanone	9.433	43	319381	441.796	ug/L	96
49) Dibromochloromethane	9.519	129	162600	239.649	ug/L	97
50) 1,2-Dibromoethane	9.610	107	165307	220.640	ug/L	91
51) Chlorobenzene	10.079	112	455907	217.530	ug/L	99
52) Ethylbenzene	10.195	91	760621	220.212	ug/L	99
53) m,p-Xylene	10.299	106	286214	221.127	ug/L	95
54) o-Xylene	10.640	106	293148	221.184	ug/L	96
55) Styrene	10.653	104	503475	228.710	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	224602	217.332	ug/L	99
59) Bromoform	10.799	173	101148	242.569	ug/L	99
60) Isopropylbenzene	10.963	105	720011	207.606	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	177341	201.010	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	631814	213.158	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	652863	216.671	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	344900	217.946	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	338841	208.738	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	333144	211.233	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	47371	234.859	ug/L	82
69) 1,3,5-Trichlorobenzene	13.109	180	227339	221.019	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	206524	240.069	ug/L	98
71) Naphthalene	13.774	128	597417	236.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	195954	226.542	ug/L	100

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

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