

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057568.D
 Acq On : 23 Jan 2024 13:28
 Operator : MD/SY
 Sample : VSTD01032
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

Quant Time: Jan 24 00:29:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	69609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	40759	6.375	ug/L	0.00
7) Chloroethane-d5	1.914	69	32923	6.592	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	19362	7.035	ug/L	0.00
20) 2-Butanone-d5	4.634	46	83632	68.579	ug/L	0.00
24) Chloroform-d	5.055	84	85033	7.505	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	39313	7.255	ug/L	0.00
32) Benzene-d6	5.721	84	164325	7.773	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	49155	7.460	ug/L	0.00
41) Toluene-d8	7.891	98	155850	8.672	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	20550	8.826	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	65527	79.222	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	33578	7.286	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	48700	8.044	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	60173	12.526	ug/L	99
3) Chloromethane	1.518	50	59839	9.983	ug/L	99
5) Vinyl chloride	1.602	62	65058	11.993	ug/L	100
6) Bromomethane	1.856	94	34303	11.173	ug/L	97
8) Chloroethane	1.933	64	38955	11.631	ug/L	96
9) Trichlorofluoromethane	2.139	101	96419	12.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	56364	12.008	ug/L	99
12) 1,1-Dichloroethene	2.576	96	52090	12.244	ug/L	93
13) Acetone	2.663	43	67186	85.095	ug/L	97
14) Carbon disulfide	2.792	76	169278	13.754	ug/L	99
15) Methyl Acetate	2.956	43	17619	9.860	ug/L	98
16) Methylene chloride	3.043	84	56161	10.143	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	129167	12.368	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55876	13.130	ug/L	99
19) 1,1-Dichloroethane	3.862	63	104047	11.330	ug/L	99
21) 2-Butanone	4.714	43	109136	98.180	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	61297	12.554	ug/L	99
23) Bromochloromethane	4.968	128	24867	11.924	ug/L	99
25) Chloroform	5.081	83	107956	11.264	ug/L	98
27) 1,2-Dichloroethane	5.785	62	65074	11.301	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	97816	12.254	ug/L	99
30) Cyclohexane	5.380	56	93337	13.797	ug/L	100
31) Carbon tetrachloride	5.518	117	87888	13.023	ug/L	98
33) Benzene	5.766	78	228166	12.035	ug/L	100
34) Trichloroethene	6.534	95	63777	12.691	ug/L	96
35) Methylcyclohexane	6.756	83	102837	14.599	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58204	11.028	ug/L	100
38) Bromodichloromethane	7.097	83	77441	11.957	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	91478	12.649	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	278754	109.028	ug/L	100
42) Toluene	7.962	91	251058	13.241	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75520	12.894	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	38204	11.298	ug/L	99
47) Tetrachloroethene	8.547	164	46336	13.448	ug/L	99
48) 2-Hexanone	8.679	43	195035	104.961	ug/L	96
49) Dibromochloromethane	8.804	129	49588	12.921	ug/L	100
50) 1,2-Dibromoethane	8.917	107	37319	12.763	ug/L	98
51) Chlorobenzene	9.441	112	158366	12.644	ug/L	99
52) Ethylbenzene	9.563	91	286577	13.724	ug/L	100
53) m,p-Xylene	9.689	106	104317	13.928	ug/L	95
54) o-Xylene	10.094	106	103731	14.236	ug/L	100
55) Styrene	10.107	104	163589	13.962	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	46226	10.847	ug/L	98
59) Bromoform	10.283	173	28282	12.492	ug/L	98
60) Isopropylbenzene	10.476	105	258560	12.833	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	33308	10.757	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	232486	14.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	236772	14.801	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	118451	12.565	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	113602	12.177	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	105953	12.208	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7118	12.273	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	90949	13.952	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	70328	15.684	ug/L	99
71) Naphthalene	14.081	128	101427	15.829	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54605	14.843	ug/L	97

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

