

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057968.D
 Acq On : 29 Feb 2024 10:54
 Operator : MD/SY
 Sample : VSTD01038
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010038

Quant Time: Mar 01 05:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117401	13.334	ug/L	0.00
7) Chloroethane-d5	1.908	69	95408	12.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	51375	12.592	ug/L	0.00
20) 2-Butanone-d5	4.608	46	211078	131.053	ug/L	0.00
24) Chloroform-d	5.052	84	222896	12.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	104388	13.065	ug/L	0.00
32) Benzene-d6	5.718	84	451174	13.072	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	136268	13.036	ug/L	0.00
41) Toluene-d8	7.891	98	412487	12.660	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	48234	11.914	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	174573	133.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	84771	12.280	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	125765	12.532	ug/L	0.00
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	95588	7.924	ug/L	99
3) Chloromethane	1.515	50	108803	8.767	ug/L	100
5) Vinyl chloride	1.599	62	119250	8.995	ug/L	98
6) Bromomethane	1.850	94	63777	9.169	ug/L	100
8) Chloroethane	1.927	64	74978	9.288	ug/L	95
9) Trichlorofluoromethane	2.133	101	167960	8.608	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106465	9.283	ug/L	98
12) 1,1-Dichloroethene	2.573	96	93841	8.832	ug/L	98
13) Acetone	2.615	43	144940	98.369	ug/L	98
14) Carbon disulfide	2.789	76	288834	8.478	ug/L	100
15) Methyl Acetate	2.940	43	32038	8.574	ug/L	98
16) Methylene chloride	3.036	84	105109	9.169	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	227007	9.057	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	102329	9.152	ug/L	98
19) 1,1-Dichloroethane	3.859	63	209769	9.971	ug/L	100
21) 2-Butanone	4.686	43	230131	99.807	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	114891	9.497	ug/L	99
23) Bromochloromethane	4.965	128	43343	9.054	ug/L	95
25) Chloroform	5.078	83	207768	9.418	ug/L	100
27) 1,2-Dichloroethane	5.785	62	120173	9.416	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	175589	8.810	ug/L	100
30) Cyclohexane	5.380	56	178084	9.174	ug/L	99
31) Carbon tetrachloride	5.515	117	153826	8.814	ug/L	99
33) Benzene	5.766	78	452265	9.576	ug/L	100
34) Trichloroethene	6.534	95	117729	9.118	ug/L	97
35) Methylcyclohexane	6.756	83	184877	8.891	ug/L	99
37) 1,2-Dichloropropane	6.782	63	118408	9.958	ug/L	100
38) Bromodichloromethane	7.097	83	143152	9.120	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	169318	9.355	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	573895	101.159	ug/L	99
42) Toluene	7.962	91	481891	9.523	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	136440	9.343	ug/L	96

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45) 1,1,2-Trichloroethane	8.393	97	69857	9.205	ug/L	99
47) Tetrachloroethene	8.547	164	82426	8.806	ug/L	98
48) 2-Hexanone	8.676	43	420348	104.825	ug/L	97
49) Dibromochloromethane	8.801	129	84343	8.686	ug/L	98
50) 1,2-Dibromoethane	8.917	107	65270	8.964	ug/L	94
51) Chlorobenzene	9.441	112	295303	9.334	ug/L	98
52) Ethylbenzene	9.563	91	541957	9.545	ug/L	100
53) m,p-Xylene	9.685	106	197751	9.420	ug/L	98
54) o-Xylene	10.094	106	192966	9.462	ug/L	98
55) Styrene	10.107	104	314499	9.975	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	83230	9.075	ug/L	97
59) Bromoform	10.283	173	42734	8.180	ug/L	100
60) Isopropylbenzene	10.476	105	498723	9.414	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	59844	8.896	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	433409	9.314	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	435613	9.358	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	225197	9.387	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	213998	9.265	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	195111	9.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13287	10.626	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	163831	9.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	131730	10.207	ug/L	98
71) Naphthalene	14.081	128	178584	9.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	102157	10.144	ug/L	99

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

