

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057967.D
 Acq On : 29 Feb 2024 10:30
 Operator : MD/SY
 Sample : VSTD00537
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005037

Quant Time: Mar 01 05:03:16 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	151760	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56137	6.301	ug/L	0.00
7) Chloroethane-d5	1.907	69	45812	6.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	24946	6.043	ug/L	0.00
20) 2-Butanone-d5	4.608	46	97725	59.964	ug/L	0.00
24) Chloroform-d	5.052	84	108176	6.069	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	49542	6.128	ug/L	0.00
32) Benzene-d6	5.718	84	213818	6.092	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	65479	6.160	ug/L	0.00
41) Toluene-d8	7.891	98	196306	5.925	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	23157	5.624	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	78365	59.017	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41587	5.924	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	59659	5.673	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	48165	3.946	ug/L	100
3) Chloromethane	1.515	50	55445	4.415	ug/L	100
5) Vinyl chloride	1.599	62	61262	4.567	ug/L	100
6) Bromomethane	1.853	94	31745	4.511	ug/L	100
8) Chloroethane	1.927	64	38833	4.754	ug/L	100
9) Trichlorofluoromethane	2.132	101	85392	4.325	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52996	4.567	ug/L	100
12) 1,1-Dichloroethene	2.573	96	48121	4.476	ug/L	100
13) Acetone	2.612	43	71915	48.236	ug/L	100
14) Carbon disulfide	2.788	76	144363	4.188	ug/L	100
15) Methyl Acetate	2.939	43	16121	4.264	ug/L	100
16) Methylene chloride	3.036	84	53823	4.640	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	112132	4.421	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	50415	4.456	ug/L	100
19) 1,1-Dichloroethane	3.856	63	103559	4.865	ug/L	100
21) 2-Butanone	4.689	43	110055	47.171	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	57058	4.661	ug/L	100
23) Bromochloromethane	4.962	128	22019	4.546	ug/L	100
25) Chloroform	5.074	83	103596	4.641	ug/L	100
27) 1,2-Dichloroethane	5.785	62	59091	4.576	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	87456	4.315	ug/L	100
30) Cyclohexane	5.380	56	89194	4.519	ug/L	100
31) Carbon tetrachloride	5.518	117	76353	4.302	ug/L	100
33) Benzene	5.766	78	226520	4.717	ug/L	100
34) Trichloroethene	6.534	95	57811	4.403	ug/L	100
35) Methylcyclohexane	6.756	83	92373	4.368	ug/L	100
37) 1,2-Dichloropropane	6.782	63	58874	4.869	ug/L	100
38) Bromodichloromethane	7.097	83	71174	4.459	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	81981	4.454	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	281378	48.772	ug/L	100
42) Toluene	7.962	91	239861	4.661	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	64849	4.367	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	34967	4.531	ug/L	100
47) Tetrachloroethene	8.547	164	40673	4.273	ug/L	100
48) 2-Hexanone	8.676	43	201346	49.375	ug/L	100
49) Dibromochloromethane	8.801	129	41910	4.244	ug/L	100
50) 1,2-Dibromoethane	8.917	107	31811	4.296	ug/L	100
51) Chlorobenzene	9.441	112	146063	4.540	ug/L	100
52) Ethylbenzene	9.563	91	263013	4.555	ug/L	100
53) m,p-Xylene	9.688	106	96548	4.523	ug/L	100
54) o-Xylene	10.094	106	93485	4.508	ug/L	100
55) Styrene	10.110	104	152297	4.750	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	41750	4.477	ug/L	100
59) Bromoform	10.283	173	20552	3.754	ug/L	100
60) Isopropylbenzene	10.476	105	244569	4.406	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	30759	4.364	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	204894	4.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	206056	4.224	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	108115	4.301	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	105303	4.351	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	96493	4.306	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	5842	4.459	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	77179	4.227	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	58941	4.359	ug/L	100
71) Naphthalene	14.084	128	76116	4.007	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	45275	4.290	ug/L	100

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

