

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057567.D
 Acq On : 23 Jan 2024 13:04
 Operator : MD/SY
 Sample : VSTD00531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005031

Quant Time: Jan 24 00:28:40 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	70075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19600	3.045	ug/L	0.00
7) Chloroethane-d5	1.914	69	15978	3.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9250	3.338	ug/L	0.00
20) 2-Butanone-d5	4.640	46	39083	31.835	ug/L	0.00
24) Chloroform-d	5.055	84	40111	3.517	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	18581	3.406	ug/L	0.00
32) Benzene-d6	5.724	84	77758	3.685	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	23402	3.558	ug/L	0.00
41) Toluene-d8	7.894	98	72886	4.063	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9349	4.023	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	30248	36.634	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15840	3.443	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	22542	3.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	29775	6.157	ug/L	100
3) Chloromethane	1.518	50	29160	4.832	ug/L	100
5) Vinyl chloride	1.605	62	31523	5.772	ug/L	100
6) Bromomethane	1.859	94	15838	5.124	ug/L	100
8) Chloroethane	1.936	64	18316	5.432	ug/L	100
9) Trichlorofluoromethane	2.139	101	46987	6.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	27402	5.799	ug/L	100
12) 1,1-Dichloroethene	2.579	96	25431	5.938	ug/L	100
13) Acetone	2.663	43	34130	42.940	ug/L	100
14) Carbon disulfide	2.792	76	81459	6.575	ug/L	100
15) Methyl Acetate	2.959	43	8316	4.623	ug/L	100
16) Methylene chloride	3.042	84	27622	4.955	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	61780	5.876	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	26778	6.251	ug/L	100
19) 1,1-Dichloroethane	3.862	63	49725	5.379	ug/L	100
21) 2-Butanone	4.717	43	52897	47.270	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	29211	5.943	ug/L	100
23) Bromochloromethane	4.968	128	12168	5.796	ug/L	100
25) Chloroform	5.081	83	52908	5.484	ug/L	100
27) 1,2-Dichloroethane	5.788	62	31269	5.394	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	46852	5.880	ug/L	100
30) Cyclohexane	5.383	56	45299	6.708	ug/L	100
31) Carbon tetrachloride	5.518	117	42476	6.305	ug/L	100
33) Benzene	5.769	78	111983	5.917	ug/L	100
34) Trichloroethene	6.537	95	30020	5.984	ug/L	100
35) Methylcyclohexane	6.756	83	48759	6.934	ug/L	100
37) 1,2-Dichloropropane	6.785	63	28145	5.342	ug/L	100
38) Bromodichloromethane	7.100	83	37730	5.836	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	43824	6.070	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	134594	52.735	ug/L	100
42) Toluene	7.965	91	122463	6.470	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	36004	6.158	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	18473	5.473	ug/L	100
47) Tetrachloroethene	8.547	164	22710	6.603	ug/L	100
48) 2-Hexanone	8.682	43	92855	50.059	ug/L	100
49) Dibromochloromethane	8.804	129	23738	6.196	ug/L	100
50) 1,2-Dibromoethane	8.917	107	17928	6.142	ug/L	100
51) Chlorobenzene	9.441	112	76018	6.080	ug/L	100
52) Ethylbenzene	9.566	91	137459	6.594	ug/L	100
53) m,p-Xylene	9.688	106	50004	6.688	ug/L	100
54) o-Xylene	10.093	106	49273	6.774	ug/L	100
55) Styrene	10.110	104	75779	6.479	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22525	5.295	ug/L	100
59) Bromoform	10.283	173	13638	6.032	ug/L	100
60) Isopropylbenzene	10.479	105	122116	6.069	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16074	5.198	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	110902	6.938	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	111604	6.986	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	56406	5.992	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	53240	5.715	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	50553	5.833	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	3231	5.579	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	42565	6.539	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	30612	6.836	ug/L	100
71) Naphthalene	14.084	128	41740	6.523	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	23265	6.333	ug/L	100

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

