

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059272.D
 Acq On : 17 Jun 2024 11:19
 Operator : MD/SY
 Sample : VSTD01071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Quant Time: Jun 17 11:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 11:12:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	116943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83447	11.809	ug/L	0.00
7) Chloroethane-d5	1.904	69	81101	12.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	35460	12.313	ug/L	0.00
20) 2-Butanone-d5	4.608	46	178340	97.065	ug/L	-0.02
24) Chloroform-d	5.055	84	173267	12.141	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	81911	11.168	ug/L	0.00
32) Benzene-d6	5.721	84	351849	13.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	104800	11.717	ug/L	0.00
41) Toluene-d8	7.891	98	327182	13.392	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	34925	11.379	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	153634	104.300	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85567	11.077	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	116117	12.185	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	102610	12.022	ug/L	99
3) Chloromethane	1.518	50	106834	10.749	ug/L	100
5) Vinyl chloride	1.599	62	121521	11.413	ug/L	100
6) Bromomethane	1.846	94	79577	11.997	ug/L	96
8) Chloroethane	1.927	64	72424	10.703	ug/L	98
9) Trichlorofluoromethane	2.132	101	146061	10.695	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	92180	11.139	ug/L	96
12) 1,1-Dichloroethene	2.573	96	85341	11.742	ug/L	89
13) Acetone	2.615	43	109130	85.936	ug/L	96
14) Carbon disulfide	2.785	76	282993	12.288	ug/L	100
15) Methyl Acetate	2.939	43	28812	9.129	ug/L #	88
16) Methylene chloride	3.036	84	105331	10.682	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	186556	9.874	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	89080	11.640	ug/L	91
19) 1,1-Dichloroethane	3.859	63	161791	10.113	ug/L	98
21) 2-Butanone	4.689	43	186298	91.467	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	101292	11.497	ug/L	93
23) Bromochloromethane	4.965	128	45366	11.659	ug/L	87
25) Chloroform	5.078	83	170956	10.227	ug/L	97
27) 1,2-Dichloroethane	5.785	62	104298	10.212	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	139890	10.698	ug/L	100
30) Cyclohexane	5.380	56	136790	11.065	ug/L	95
31) Carbon tetrachloride	5.518	117	119389	10.946	ug/L	100
33) Benzene	5.766	78	383308	11.152	ug/L	100
34) Trichloroethene	6.537	95	102313	11.252	ug/L	98
35) Methylcyclohexane	6.756	83	158337	12.206	ug/L	94
37) 1,2-Dichloropropane	6.785	63	99303	10.177	ug/L #	97
38) Bromodichloromethane	7.100	83	121661	10.402	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	139293	10.475	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	468881	92.973	ug/L	95
42) Toluene	7.965	91	423473	11.812	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	113340	10.446	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059272.D
 Acq On : 17 Jun 2024 11:19
 Operator : MD/SY
 Sample : VSTD01071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Quant Time: Jun 17 11:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 11:12:45 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.393	97	71331	10.392	ug/L	98
47) Tetrachloroethene	8.547	164	80945	12.496	ug/L	97
48) 2-Hexanone	8.676	43	344704	94.847	ug/L #	96
49) Dibromochloromethane	8.804	129	80680	11.146	ug/L	97
50) 1,2-Dibromoethane	8.917	107	66151	10.906	ug/L	100
51) Chlorobenzene	9.441	112	256089	11.209	ug/L	97
52) Ethylbenzene	9.566	91	445390	11.507	ug/L	97
53) m,p-Xylene	9.688	106	176606	12.467	ug/L	99
54) o-Xylene	10.097	106	164914	11.903	ug/L	99
55) Styrene	10.110	104	290373	12.458	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	85546	9.830	ug/L	99
59) Bromoform	10.283	173	49232	10.634	ug/L	98
60) Isopropylbenzene	10.479	105	444469	10.957	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	58625	8.985	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	362753	11.220	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	362637	11.312	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	213685	10.827	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	214815	10.905	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	195931	10.622	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	12697	9.674	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	162774	10.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	129354	10.592	ug/L	99
71) Naphthalene	14.084	128	195756	10.636	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	119051	11.108	ug/L	98

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

