

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051566.D
 Acq On : 28 Oct 2022 14:01
 Operator : JC/MD
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005064

Quant Time: Oct 28 22:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218972	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84360	5.115	ug/L	0.00
7) Chloroethane-d5	1.912	69	90971	5.289	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	30249	5.054	ug/L	0.00
20) 2-Butanone-d5	4.636	46	337336	56.480	ug/L	0.00
24) Chloroform-d	5.063	84	206956	5.363	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	109057	5.231	ug/L	0.00
32) Benzene-d6	5.726	84	378221	5.306	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	131148	5.262	ug/L	0.00
41) Toluene-d8	7.896	98	304805	5.438	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	40806	5.354	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	259549	56.573	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	123169	5.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	112732	5.167	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	117997	4.927	ug/L	100
3) Chloromethane	1.523	50	156285	5.177	ug/L	100
5) Vinyl chloride	1.601	62	149473	5.169	ug/L	100
6) Bromomethane	1.855	94	68673	5.009	ug/L	100
8) Chloroethane	1.932	64	90964	5.180	ug/L	100
9) Trichlorofluoromethane	2.134	101	156978	4.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91643	4.911	ug/L	100
12) 1,1-Dichloroethene	2.578	96	96881	5.089	ug/L	100
13) Acetone	2.649	43	161684	53.353	ug/L	100
14) Carbon disulfide	2.790	76	312715	5.096	ug/L	100
15) Methyl Acetate	2.954	43	42269	5.328	ug/L	100
16) Methylene chloride	3.044	84	130519	4.186	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	230189	5.273	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	106039	5.190	ug/L	100
19) 1,1-Dichloroethane	3.867	63	198487	5.267	ug/L	100
21) 2-Butanone	4.713	43	262693	55.354	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	116962	5.174	ug/L	100
23) Bromochloromethane	4.973	128	55003	5.204	ug/L	100
25) Chloroform	5.086	83	208020	5.321	ug/L	100
27) 1,2-Dichloroethane	5.793	62	128349	5.335	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	157697	5.142	ug/L	100
30) Cyclohexane	5.385	56	137025	4.852	ug/L	100
31) Carbon tetrachloride	5.523	117	131458	5.012	ug/L	100
33) Benzene	5.771	78	468531	5.256	ug/L	100
34) Trichloroethene	6.539	95	110711	5.147	ug/L	100
35) Methylcyclohexane	6.761	83	144518	4.859	ug/L	100
37) 1,2-Dichloropropane	6.790	63	120275	5.246	ug/L	100
38) Bromodichloromethane	7.105	83	144547	5.162	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	150905	5.130	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	631658	54.928	ug/L	100
42) Toluene	7.967	91	489106	5.343	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	130883	5.325	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051566.D
 Acq On : 28 Oct 2022 14:01
 Operator : JC/MD
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005064

Quant Time: Oct 28 22:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	88246	5.253	ug/L	100
47) Tetrachloroethene	8.552	164	84725	5.143	ug/L	100
48) 2-Hexanone	8.684	43	477702	56.120	ug/L	100
49) Dibromochloromethane	8.809	129	99273	5.172	ug/L	100
50) 1,2-Dibromoethane	8.922	107	81132	5.353	ug/L	100
51) Chlorobenzene	9.443	112	299279	5.194	ug/L	100
52) Ethylbenzene	9.568	91	460639	5.215	ug/L	100
53) m,p-Xylene	9.693	106	183734	5.355	ug/L	100
54) o-Xylene	10.099	106	182361	5.439	ug/L	100
55) Styrene	10.111	104	313194	5.587	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	110797	5.319	ug/L	100
59) Bromoform	10.288	173	55028	5.010	ug/L	100
60) Isopropylbenzene	10.481	105	449011	5.174	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	76988	5.008	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	113727	4.868	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	338672	5.028	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	217847	5.043	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	214862	4.960	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	210035	4.991	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	15218	4.808	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	147978	4.806	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	108019	4.569	ug/L	100
71) Naphthalene	14.086	128	192374	4.359	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	111298	4.662	ug/L	100

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

