

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047155.D
 Acq On : 16 Feb 2022 11:28
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005061

Quant Time: Feb 16 13:41:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	186502	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	194870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	79598	5.418	ug/L	0.00
7) Chloroethane-d5	1.919	69	61643	5.329	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	32893	5.310	ug/L	0.00
20) 2-Butanone-d5	4.645	46	189719	44.523	ug/L	0.00
24) Chloroform-d	5.070	84	134280	4.989	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	73566	4.781	ug/L	0.00
32) Benzene-d6	5.732	84	277598	5.110	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	87913	5.386	ug/L	0.00
41) Toluene-d8	7.902	98	268866	5.453	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	40096	5.311	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	205854	46.443	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78624	4.693	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	102659	4.890	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	81877	2.869	ug/L	100
3) Chloromethane	1.527	50	87444	3.558	ug/L	99
5) Vinyl chloride	1.610	62	90640	3.746	ug/L	99
6) Bromomethane	1.864	94	51886	3.562	ug/L	97
8) Chloroethane	1.941	64	51751	3.643	ug/L	97
9) Trichlorofluoromethane	2.147	101	110463	3.490	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	66354	4.118	ug/L	94
12) 1,1-Dichloroethene	2.588	96	63300	3.858	ug/L	91
13) Acetone	2.665	43	96445	24.141	ug/L	96
14) Carbon disulfide	2.803	76	214784	4.008	ug/L	99
15) Methyl Acetate	2.967	43	33088	4.100	ug/L	92
16) Methylene chloride	3.054	84	69276	3.470	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	175750	3.672	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	69289	3.959	ug/L	96
19) 1,1-Dichloroethane	3.877	63	121763	3.776	ug/L	99
21) 2-Butanone	4.726	43	181326	29.916	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	75122	3.927	ug/L	100
23) Bromochloromethane	4.980	128	35348	3.713	ug/L	93
25) Chloroform	5.096	83	124063	3.562	ug/L	99
27) 1,2-Dichloroethane	5.800	62	82700	3.326	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	109414	3.396	ug/L	100
30) Cyclohexane	5.395	56	120434	4.518	ug/L	100
31) Carbon tetrachloride	5.530	117	96122	3.555	ug/L	100
33) Benzene	5.780	78	285257	3.684	ug/L	100
34) Trichloroethene	6.546	95	75799	3.714	ug/L	96
35) Methylcyclohexane	6.768	83	130771	4.544	ug/L	96
37) 1,2-Dichloropropane	6.793	63	73447	3.719	ug/L	99
38) Bromodichloromethane	7.108	83	93583	3.423	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	117606	3.934	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	525038	35.415	ug/L	100
42) Toluene	7.973	91	320079	4.028	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	103860	3.749	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047155.D
 Acq On : 16 Feb 2022 11:28
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005061

Quant Time: Feb 16 13:41:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.404	97	56939	3.343	ug/L	99
47) Tetrachloroethene	8.555	164	62660	4.338	ug/L	91
48) 2-Hexanone	8.687	43	392420	35.443	ug/L	99
49) Dibromochloromethane	8.812	129	70485	3.588	ug/L	98
50) 1,2-Dibromoethane	8.928	107	58941	3.585	ug/L	100
51) Chlorobenzene	9.449	112	206044	4.056	ug/L	98
52) Ethylbenzene	9.571	91	350909	4.266	ug/L	99
53) m,p-Xylene	9.697	106	137308	4.357	ug/L	100
54) o-Xylene	10.102	106	133309	4.402	ug/L	96
55) Styrene	10.115	104	225249	4.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	74819	3.362	ug/L	97
59) Bromoform	10.295	173	42807	3.251	ug/L #	96
60) Isopropylbenzene	10.488	105	351344	3.997	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	55120	2.912	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	230612	3.155	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	298421	4.054	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	166661	3.901	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	166108	3.798	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	157131	3.667	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	12595	2.875	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	136539	4.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	123775	4.519	ug/L	98
71) Naphthalene	14.086	128	244128	4.014	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	113343	4.180	ug/L	98

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

