

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055277.D
 Acq On : 13 Sep 2023 11:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Sep 14 04:56:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27617	3.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.904	69	42998	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.563	65	16126	3.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.621	46	141821	57.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	5.062	84	113045	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.698	65	56238	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	193701	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.689	67	67475	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.898	98	170635	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	18043	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	87772	54.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51265	5.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	63871	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48533	4.568	ug/L	98
3) Chloromethane	1.515	50	44011	4.069	ug/L	100
5) Vinyl chloride	1.602	62	51323	4.498	ug/L	98
6) Bromomethane	1.850	94	46935	6.821	ug/L	100
8) Chloroethane	1.927	64	36143	4.865	ug/L	99
9) Trichlorofluoromethane	2.132	101	80537	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49090	5.085	ug/L	98
12) 1,1-Dichloroethene	2.576	96	40852	4.833	ug/L	92
13) Acetone	2.628	43	81923	49.159	ug/L	97
14) Carbon disulfide	2.788	76	86046	4.157	ug/L	97
15) Methyl Acetate	2.952	43	16247	4.763	ug/L	99
16) Methylene chloride	3.039	84	59692	4.622	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	113518	5.121	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	42077	4.907	ug/L	89
19) 1,1-Dichloroethane	3.866	63	96155	5.189	ug/L	98
21) 2-Butanone	4.702	43	119186	48.677	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	56556	5.388	ug/L	90
23) Bromochloromethane	4.975	128	22627	5.241	ug/L	96
25) Chloroform	5.084	83	106842	5.535	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055277.D
 Acq On : 13 Sep 2023 11:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Sep 14 04:56:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	65628	5.571	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	82589	5.177	ug/L	99
30) Cyclohexane	5.386	56	63246	4.458	ug/L	95
31) Carbon tetrachloride	5.521	117	67305	5.074	ug/L	97
33) Benzene	5.772	78	208460	5.311	ug/L	100
34) Trichloroethene	6.541	95	59920	5.493	ug/L	95
35) Methylcyclohexane	6.763	83	72043	4.707	ug/L	98
37) 1,2-Dichloropropane	6.788	63	58038	5.431	ug/L #	94
38) Bromodichloromethane	7.103	83	72109	5.652	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	77276	5.317	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	294256	48.273	ug/L	97
42) Toluene	7.968	91	225781	5.396	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	60091	5.267	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	41902	5.822	ug/L	95
47) Tetrachloroethene	8.553	164	38184	5.065	ug/L	94
48) 2-Hexanone	8.682	43	232872	48.773	ug/L	94
49) Dibromochloromethane	8.807	129	42943	5.465	ug/L	97
50) 1,2-Dibromoethane	8.923	107	36568	5.579	ug/L #	90
51) Chlorobenzene	9.444	112	146437	5.284	ug/L	99
52) Ethylbenzene	9.569	91	247279	5.282	ug/L	100
53) m,p-Xylene	9.692	106	92490	5.339	ug/L	92
54) o-Xylene	10.100	106	90067	5.284	ug/L	98
55) Styrene	10.113	104	154279	5.480	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	43955	4.903	ug/L	98
59) Bromoform	10.290	173	20647	5.348	ug/L	97
60) Isopropylbenzene	10.483	105	250572	5.561	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	35683	5.565	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	202306	5.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	195627	5.296	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	114941	5.314	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	116405	5.400	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	107962	5.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5595	4.529	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	81134	4.963	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	62871	4.102	ug/L	99
71) Naphthalene	14.087	128	100489	3.607	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	55014	4.135	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
Data File : VU055277.D
Acq On : 13 Sep 2023 11:25
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

Quant Time: Sep 14 04:56:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 13 05:34:47 2023
Response via : Initial Calibration

