

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055274.D
 Acq On : 13 Sep 2023 06:41
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Sep 13 06:59:00 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	176558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27445	3.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.907	69	42387	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	15205	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.624	46	119162	49.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.240%
24) Chloroform-d	5.062	84	101796	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	51507	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.724	84	181894	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.689	67	62697	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.898	98	160754	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.181	79	14252	3.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.631	63	74143	45.675	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	46062	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	57376	4.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	47293	4.610	ug/L	99
3) Chloromethane	1.518	50	44786	4.288	ug/L	96
5) Vinyl chloride	1.602	62	48964	4.444	ug/L	96
6) Bromomethane	1.850	94	44669	6.722	ug/L	97
8) Chloroethane	1.927	64	37250	5.192	ug/L	97
9) Trichlorofluoromethane	2.136	101	76671	4.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44782	4.803	ug/L	95
12) 1,1-Dichloroethene	2.576	96	38227	4.683	ug/L	90
13) Acetone	2.628	43	64928	40.342	ug/L	97
14) Carbon disulfide	2.788	76	83385	4.172	ug/L	98
15) Methyl Acetate	2.949	43	16710	5.072	ug/L	93
16) Methylene chloride	3.039	84	58328	4.677	ug/L	94
17) Methyl tert-butyl Ether	3.358	73	105565	4.931	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	41365	4.995	ug/L	87
19) 1,1-Dichloroethane	3.866	63	94341	5.271	ug/L	99
21) 2-Butanone	4.705	43	106917	45.215	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	55394	5.464	ug/L	95
23) Bromochloromethane	4.972	128	22636	5.429	ug/L	96
25) Chloroform	5.084	83	100643	5.399	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055274.D
 Acq On : 13 Sep 2023 06:41
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Sep 13 06:59:00 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	63779	5.606	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	80530	5.034	ug/L	98
30) Cyclohexane	5.383	56	57597	4.049	ug/L	97
31) Carbon tetrachloride	5.521	117	64362	4.839	ug/L	100
33) Benzene	5.772	78	201858	5.129	ug/L	100
34) Trichloroethene	6.541	95	58308	5.330	ug/L	98
35) Methylcyclohexane	6.759	83	63873	4.162	ug/L	98
37) 1,2-Dichloropropane	6.788	63	56643	5.286	ug/L	100
38) Bromodichloromethane	7.103	83	67268	5.258	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	64529	4.428	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	278314	45.532	ug/L	98
42) Toluene	7.968	91	220370	5.252	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	51369	4.490	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	40061	5.551	ug/L	96
47) Tetrachloroethene	8.553	164	35423	4.685	ug/L	97
48) 2-Hexanone	8.682	43	211738	44.224	ug/L	97
49) Dibromochloromethane	8.807	129	40996	5.203	ug/L	100
50) 1,2-Dibromoethane	8.920	107	36661	5.578	ug/L	88
51) Chlorobenzene	9.444	112	142569	5.130	ug/L	98
52) Ethylbenzene	9.570	91	230935	4.919	ug/L	99
53) m,p-Xylene	9.692	106	87716	5.050	ug/L	97
54) o-Xylene	10.097	106	86887	5.083	ug/L	97
55) Styrene	10.113	104	148216	5.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	42467	4.724	ug/L	96
59) Bromoform	10.287	173	19613	5.109	ug/L	99
60) Isopropylbenzene	10.483	105	231665	5.170	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	35127	5.509	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	184059	4.938	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	171274	4.662	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	106194	4.937	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	104889	4.893	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	104046	5.159	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5671	4.617	ug/L	87
69) 1,3,5-Trichlorobenzene	13.219	180	67652	4.162	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	50518	3.314	ug/L	95
71) Naphthalene	14.087	128	78725	2.842	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	44499	3.364	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
Data File : VU055274.D
Acq On : 13 Sep 2023 06:41
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005120

Quant Time: Sep 13 06:59:00 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

