

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055916.D
 Acq On : 27 Oct 2023 09:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Oct 27 12:52:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	398441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	195460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	134921	4.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.911	69	101657	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	61295	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.631	46	240086	42.698	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.400%
24) Chloroform-d	5.059	84	272357	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	120933	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.724	84	553984	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.689	67	160757	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	518595	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	60979	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	219900	67.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.580%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111628	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	170720	4.681	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	115889	5.103	ug/L	99
3) Chloromethane	1.518	50	99737	4.600	ug/L	96
5) Vinyl chloride	1.602	62	113906	4.770	ug/L	95
6) Bromomethane	1.856	94	62709	4.239	ug/L	99
8) Chloroethane	1.933	64	63868	4.564	ug/L	100
9) Trichlorofluoromethane	2.136	101	167226	5.077	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	115105	5.320	ug/L	98
12) 1,1-Dichloroethene	2.576	96	97870	5.068	ug/L	98
13) Acetone	2.641	43	148410	46.317	ug/L	95
14) Carbon disulfide	2.792	76	239670	4.847	ug/L	98
15) Methyl Acetate	2.953	43	33611	5.149	ug/L	97
16) Methylene chloride	3.043	84	116066	5.305	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	247378	5.279	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	99805	5.212	ug/L	97
19) 1,1-Dichloroethane	3.866	63	205020	5.273	ug/L	98
21) 2-Butanone	4.708	43	229381	48.698	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	117690	5.077	ug/L	94
23) Bromochloromethane	4.972	128	49415	5.232	ug/L	95
25) Chloroform	5.087	83	216927	5.204	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055916.D
 Acq On : 27 Oct 2023 09:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Oct 27 12:52:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	122010	4.982	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	184881	5.442	ug/L	99
30) Cyclohexane	5.383	56	159971	5.581	ug/L	99
31) Carbon tetrachloride	5.522	117	159398	5.500	ug/L	97
33) Benzene	5.772	78	451224	5.485	ug/L	100
34) Trichloroethene	6.541	95	122748	5.334	ug/L	98
35) Methylcyclohexane	6.759	83	171949	5.537	ug/L	100
37) 1,2-Dichloropropane	6.788	63	121030	5.541	ug/L	99
38) Bromodichloromethane	7.103	83	148208	5.405	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	174737	5.616	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	557175	52.919	ug/L	98
42) Toluene	7.968	91	487605	5.672	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	142401	5.669	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	82052	5.343	ug/L	96
47) Tetrachloroethene	8.550	164	93708	5.815	ug/L	98
48) 2-Hexanone	8.682	43	413620	49.963	ug/L	99
49) Dibromochloromethane	8.808	129	94882	5.628	ug/L	98
50) 1,2-Dibromoethane	8.923	107	74982	5.381	ug/L	99
51) Chlorobenzene	9.444	112	313037	5.556	ug/L	99
52) Ethylbenzene	9.566	91	540897	5.550	ug/L	100
53) m,p-Xylene	9.692	106	208944	5.737	ug/L	94
54) o-Xylene	10.097	106	201611	5.657	ug/L	98
55) Styrene	10.113	104	340269	5.957	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	97200	5.468	ug/L	99
59) Bromoform	10.287	173	54180	5.449	ug/L	99
60) Isopropylbenzene	10.483	105	554473	5.693	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	66478	4.954	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	459978	5.779	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	451665	6.108	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	255188	5.527	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	256360	5.563	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	237441	5.601	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	15181	6.340	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	192419	6.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	155381	6.663	ug/L	98
71) Naphthalene	14.084	128	229595	6.799	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	132490	6.590	ug/L	99

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

