

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056322.D
 Acq On : 14 Nov 2023 21:55
 Operator : MD/SY
 Sample : 05328-15MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49W2MSD

Quant Time: Nov 15 02:58:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275903	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	268385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	141775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92130	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.908	69	77856	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.563	65	42953	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.618	46	204499	49.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	5.059	84	203742	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	93414	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	388982	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.685	67	118892	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	349525	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	47433	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.628	63	184591	50.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88452	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	126833	4.843	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118156	5.405	ug/L	98
3) Chloromethane	1.515	50	138550	6.202	ug/L	96
5) Vinyl chloride	1.602	62	115828	5.381	ug/L	97
6) Bromomethane	1.853	94	53966	4.954	ug/L	96
8) Chloroethane	1.930	64	74911	5.697	ug/L	96
9) Trichlorofluoromethane	2.136	101	176391	5.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	99216	5.388	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94228	5.579	ug/L	93
13) Acetone	2.625	43	119740	34.165	ug/L	97
14) Carbon disulfide	2.789	76	297564	5.414	ug/L	98
15) Methyl Acetate	2.946	43	28970	4.645	ug/L	95
16) Methylene chloride	3.039	84	105035	4.699	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	235721	5.744	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	99803	5.743	ug/L	97
19) 1,1-Dichloroethane	3.862	63	197774	5.745	ug/L	99
21) 2-Butanone	4.698	43	201160	44.233	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	111877	5.677	ug/L	96
23) Bromochloromethane	4.969	128	45949	5.665	ug/L	96
25) Chloroform	5.081	83	209031	5.605	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056322.D
 Acq On : 14 Nov 2023 21:55
 Operator : MD/SY
 Sample : 05328-15MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49W2MSD

Quant Time: Nov 15 02:58:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	121759	5.750	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	178762	5.803	ug/L	100
30) Cyclohexane	5.383	56	158392	5.417	ug/L	99
31) Carbon tetrachloride	5.518	117	153216	5.790	ug/L	97
33) Benzene	5.769	78	432902	5.653	ug/L	100
34) Trichloroethene	6.538	95	116179	5.568	ug/L	98
35) Methylcyclohexane	6.756	83	158116	5.249	ug/L	99
37) 1,2-Dichloropropane	6.785	63	112581	5.637	ug/L	100
38) Bromodichloromethane	7.100	83	141968	5.507	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	159259	5.427	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	531185	53.658	ug/L	98
42) Toluene	7.965	91	458523	5.783	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	133141	5.691	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	74753	5.620	ug/L	97
47) Tetrachloroethene	8.547	164	78809	5.601	ug/L	97
48) 2-Hexanone	8.679	43	378486	49.076	ug/L	100
49) Dibromochloromethane	8.804	129	84599	5.593	ug/L	98
50) 1,2-Dibromoethane	8.920	107	70116	5.584	ug/L	99
51) Chlorobenzene	9.444	112	286866	5.631	ug/L	98
52) Ethylbenzene	9.566	91	506504	5.753	ug/L	99
53) m,p-Xylene	9.689	106	192899	5.960	ug/L	98
54) o-Xylene	10.097	106	181039	5.759	ug/L	98
55) Styrene	10.110	104	312502	5.976	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	91688	5.646	ug/L	98
59) Bromoform	10.287	173	48209	5.459	ug/L	95
60) Isopropylbenzene	10.480	105	504061	5.513	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	65083	5.350	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	406283	5.412	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	414465	5.593	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	236101	5.677	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	228460	5.476	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	216082	5.663	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13383	5.151	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	176281	5.629	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	141890	5.563	ug/L	99
71) Naphthalene	14.084	128	211179	5.480	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	120492	5.735	ug/L	97

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

Quant Time: Nov 15 02:58:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 15 01:36:14 2023
Response via : Initial Calibration

