

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062812.D
 Acq On : 16 Jan 2025 12:09
 Operator : MD/SY
 Sample : Q1072-18DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQA0DL

Quant Time: Jan 16 22:05:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	90638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45502	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25207	4.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.901	69	20589	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.557	65	12889	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.605	46	53164	48.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	5.049	84	61396	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.689	65	35313	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.714	84	106286	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.679	67	30189	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.888	98	101363	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.171	79	14785	4.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.621	63	44493	46.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24825	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	38717	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%

Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	107346	15.414	ug/L	99
12) 1,1-Dichloroethene	2.570	96	32883	5.476	ug/L	92
16) Methylene chloride	3.033	84	34445	5.236	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	25459	3.957	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	38289	5.465	ug/L	93
27) 1,2-Dichloroethane	5.779	62	61430	6.636	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	112393	8.175	ug/L	99
31) Carbon tetrachloride	5.512	117	45785	3.624	ug/L	100
33) Benzene	5.759	78	185040	7.106	ug/L	100
34) Trichloroethene	6.531	95	15663	1.761	ug/L	98
37) 1,2-Dichloropropane	6.779	63	46328	7.541	ug/L	99
42) Toluene	7.959	91	154784	5.424	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	11589	2.323	ug/L	97
47) Tetrachloroethene	8.541	164	48110	7.852	ug/L	95
51) Chlorobenzene	9.434	112	112943	6.052	ug/L	99
52) Ethylbenzene	9.560	91	254753	7.867	ug/L	98
53) m,p-Xylene	9.682	106	112598	9.297	ug/L	97
54) o-Xylene	10.090	106	41637	3.589	ug/L	98
55) Styrene	10.106	104	67402	3.474	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062812.D
Acq On : 16 Jan 2025 12:09
Operator : MD/SY
Sample : Q1072-18DL 2X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQA0DL

Quant Time: Jan 16 22:05:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.827	146	72880	4.972	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	94011	6.900	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	67182	7.619	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062812.D
Acq On : 16 Jan 2025 12:09
Operator : MD/SY
Sample : Q1072-18DL 2X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQA0DL

Quant Time: Jan 16 22:05:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

