

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063171.D
 Acq On : 05 Feb 2025 21:14
 Operator : MD/SY
 Sample : Q1226-01DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZJ6DL

Quant Time: Feb 06 08:10:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	80448	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	75743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	33448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20331	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.901	69	20661	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.554	65	9302	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.605	46	81846	54.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.049	84	49956	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.689	65	27510	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.714	84	98710	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.676	67	34230	5.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.888	98	80552	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.171	79	11842	4.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.621	63	65052	52.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30543	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	30981	5.547	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	63083	8.162	ug/L	99
12) 1,1-Dichloroethene	2.570	96	12701	2.429	ug/L	88
16) Methylene chloride	3.030	84	68101	10.887	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	27314	4.885	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	43142	6.917	ug/L	99
27) 1,2-Dichloroethane	5.779	62	63493	8.710	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	37399	4.172	ug/L	99
31) Carbon tetrachloride	5.509	117	58708	7.761	ug/L	98
33) Benzene	5.759	78	159001	6.379	ug/L	100
34) Trichloroethene	6.531	95	41186	6.506	ug/L	99
37) 1,2-Dichloropropane	6.775	63	71196	10.710	ug/L	100
42) Toluene	7.959	91	30519	1.171	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	47438	9.662	ug/L	97
47) Tetrachloroethene	8.544	164	31675	7.124	ug/L	99
51) Chlorobenzene	9.434	112	136473	8.678	ug/L	100
52) Ethylbenzene	9.560	91	307732	11.293	ug/L	98
53) m,p-Xylene	9.682	106	66240	6.739	ug/L	97
54) o-Xylene	10.090	106	44868	4.603	ug/L	99
55) Styrene	10.106	104	30524	1.903	ug/L	96

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65) 1,4-Dichlorobenzene	11.827	146	104032	9.615	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	99272	9.872	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	51138	8.840	ug/L	100

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

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