

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020824\
 Data File : VU057858.D
 Acq On : 08 Feb 2024 12:07
 Operator : MD/SY
 Sample : P1081-07DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B45DL

Quant Time: Feb 09 04:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 09 04:07:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	237987	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89790	47.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.280%
7) Chloroethane-d5	1.888	69	70392	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.557	63	120390	34.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.820%
21) 2-Butanone-d5	4.608	46	104115	98.486	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.490%
24) Chloroform-d	5.052	84	158354	46.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	5.692	65	106052	49.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.020%
32) Benzene-d6	5.718	84	327084	48.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.682	67	104050	48.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.580%
41) Toluene-d8	7.891	98	286511	46.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	47833	45.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.627	63	90587	104.072	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.070%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	144869	52.187	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.380%
66) 1,2-Dichlorobenzene-d4	12.187	152	107007	50.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.300%
Target Compounds						
					Qvalue	
33) Benzene	5.766	78	181648	25.671	ug/L	100
51) Chlorobenzene	9.441	112	239316	50.847	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	51826	14.890	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	210096	58.848	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	206527	58.859	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	39130	18.685	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	20545	10.485	ug/L	98

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

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