

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059320.D
 Acq On : 18 Jun 2024 18:45
 Operator : MD/SY
 Sample : P2856-16
 Misc : 5.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COSJ0

Quant Time: Jun 19 05:37:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	86418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36356	36.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.060%
7) Chloroethane-d5	1.872	69	21205	24.873	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.740%#
11) 1,1-Dichloroethene-d2	2.534	63	50712m	25.815	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.620%#
21) 2-Butanone-d5	4.628	46	72551	77.340	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.340%
24) Chloroform-d	5.052	84	79025	39.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.780%
26) 1,2-Dichloroethane-d4	5.692	65	53323	43.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.820%
32) Benzene-d6	5.714	84	158748	40.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	6.682	67	53610	40.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.140%
41) Toluene-d8	7.894	98	132607	40.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.520%
43) trans-1,3-Dichloroprop...	8.177	79	20790	38.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.900%
47) 2-Hexanone-d5	8.637	63	50012	80.843	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	88644	39.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.300%
66) 1,2-Dichlorobenzene-d4	12.193	152	57824	44.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.531	95	108513	72.600	ug/L	94
46) Tetrachloroethene	8.547	164	660813	663.747	ug/L	92
52) Ethylbenzene	9.566	91	147526	23.354	ug/L	90
53) m,p-Xylene	9.692	106	81473	35.093	ug/L	90
54) o-Xylene	10.100	106	16334	7.260	ug/L	99
62) 1,3,5-Trimethylbenzene	11.090	105	6939	1.575	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	21866	4.579	ug/L	100

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

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