

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017576.D
 Acq On : 21 Jul 2020 20:05
 Operator : SY/MD
 Sample : L3336-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9S

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:17:48 PM

Quant Time: Jul 22 05:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 03:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309543	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62453	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.12%
7) Chloroethane-d5	1.58	69	48079	37.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.06%
11) 1,1-Dichloroethene-d2	2.12	63	101466	26.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.38%#
21) 2-Butanone-d5	3.91	46	135801	93.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.38	84	178623	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.34%
26) 1,2-Dichloroethane-d4	5.06	65	129936	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
32) Benzene-d6	5.07	84	325346	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.76%
36) 1,2-Dichloropropane-d6	6.09	67	102783	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.00%
41) Toluene-d8	7.34	98	303146	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#
43) trans-1,3-Dichloropropene-	7.64	79	50911	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
47) 2-Hexanone-d5	8.11	63	109308	98.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154499	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	145914	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	73785	31.672	ug/L	98
13) Acetone	2.19	43	6770	5.192	ug/L	76
17) trans-1,2-Dichloroethene	2.78	96	6149	2.781	ug/L	96
19) 1,1-Dichloroethane	3.22	63	4386	1.101	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	76229m	32.108	ug/L	
33) Benzene	5.13	78	16001	1.804	ug/L	100
42) Toluene	7.41	91	20867	2.141	ug/L	90
51) Chlorobenzene	8.90	112	806522	124.699	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	4199927	743.972	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	7163196	1243.156	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	681635	119.099	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	101399	25.652	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	10816	2.735	ug/L	95

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

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