

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017557.D
 Acq On : 20 Jul 2020 20:06
 Operator : SY/MD
 Sample : L3336-17MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 11:03:53 AM

Quant Time: Jul 21 04:07:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355745	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168608	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76548	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.58	69	57475	35.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.38%
11) 1,1-Dichloroethene-d2	2.13	63	389449	80.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	161.38%#
21) 2-Butanone-d5	3.91	46	152025	105.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.44%
24) Chloroform-d	4.38	84	206228	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.06	65	142918	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.07	84	379010	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
36) 1,2-Dichloropropane-d6	6.09	67	117087	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.44%
41) Toluene-d8	7.34	98	343254	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%
43) trans-1,3-Dichloropropene-	7.64	79	61730	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.36%
47) 2-Hexanone-d5	8.11	63	113607	108.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168745	52.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	154030	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	47768	16.760	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21469	8.096	ug/L	95
12) 1,1-Dichloroethene	2.13	96	461779m	194.583	ug/L	
13) Acetone	2.19	43	4696	2.670	ug/L	96
16) Methylene chloride	2.52	84	2624	0.986	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	15844	6.900	ug/L	96
19) 1,1-Dichloroethane	3.21	63	5901457	1375.845	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	593164	235.448	ug/L	97
27) 1,2-Dichloroethane	5.16	62	88211	21.357	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	45746	10.026	ug/L	95
33) Benzene	5.12	78	518383	58.786	ug/L	100
34) Trichloroethene	5.94	95	886658	364.814	ug/L	97
42) Toluene	7.41	91	501303	51.451	ug/L	98
51) Chlorobenzene	8.90	112	381758	55.663	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	17983	3.411	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	54752	9.970	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	8295	2.189	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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