

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017477.D
 Acq On : 14 Jul 2020 11:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 1:02:20 PM

Quant Time: Jul 15 03:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152601	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	85680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40890	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	33273	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	91434	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.96	46	74960	39.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.80%
24) Chloroform-d	4.37	84	94741	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	51620	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.07	84	162708	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	44320	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.33	98	161238	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.64	79	22368	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.11	63	68455	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32457	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	66474	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96413	5.126	ug/L 97
3) Chloromethane	1.25	50	63812	4.963	ug/L 99
5) Vinyl chloride	1.32	62	66373	5.159	ug/L 99
6) Bromomethane	1.53	94	39881	5.136	ug/L 97
8) Chloroethane	1.60	64	37700	5.069	ug/L 96
9) Trichlorofluoromethane	1.77	101	120266	5.113	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54346	5.023	ug/L 100
12) 1,1-Dichloroethene	2.13	96	48271	5.034	ug/L 88
13) Acetone	2.23	43	76888m	55.668	ug/L
14) Carbon disulfide	2.31	76	152706	5.144	ug/L 98
15) Methyl Acetate	2.46	43	16226	6.082	ug/L 95
16) Methylene chloride	2.52	84	48380	4.189	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	121211	5.087	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	50747	4.935	ug/L 96
19) 1,1-Dichloroethane	3.21	63	100843	5.074	ug/L 97
21) 2-Butanone	4.05	43	98606	46.187	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	57378	5.147	ug/L # 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017477.D
 Acq On : 14 Jul 2020 11:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 1:02:20 PM

Quant Time: Jul 15 03:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	25862	5.152	ug/L	98
25) Chloroform	4.40	83	109510	5.107	ug/L	98
27) 1,2-Dichloroethane	5.16	62	72224	5.149	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	111243	5.156	ug/L	99
30) Cyclohexane	4.69	56	83496	5.083	ug/L	100
31) Carbon tetrachloride	4.85	117	102054	5.114	ug/L	99
33) Benzene	5.12	78	211615	5.212	ug/L	100
34) Trichloroethene	5.94	95	63258	5.103	ug/L	95
35) Methylcyclohexane	6.15	83	97652	5.353	ug/L	97
37) 1,2-Dichloropropane	6.20	63	45753	4.867	ug/L	99
38) Bromodichloromethane	6.53	83	75235	5.167	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	78554	5.195	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	266817	53.705	ug/L	99
42) Toluene	7.41	91	236024	5.264	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	240672	5.408	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	241305	5.444	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	72076	5.416	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	35751	5.090	ug/L	93
49) Tetrachloroethene	8.00	164	55035	5.216	ug/L	98
50) 2-Hexanone	8.16	43	190062	52.070	ug/L	99
51) Dibromochloromethane	8.27	129	49851	5.151	ug/L	99
52) 1,2-Dibromoethane	8.37	107	35558	5.168	ug/L	97
53) Chlorobenzene	8.90	112	156616	5.215	ug/L	98
54) Ethylbenzene	9.03	91	263225	5.130	ug/L	100
55) m,p-xylene	9.16	106	102196	5.267	ug/L	93
56) o-xylene	9.56	106	101367	5.401	ug/L	92
57) Styrene	9.58	104	173839	5.503	ug/L	100
58) Isopropylbenzene	9.95	105	281377	5.295	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38539	5.433	ug/L	90
62) Bromoform	9.75	173	28482	5.168	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	137224	5.151	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	138232	5.228	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	123238	5.105	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7616	5.121	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	134869	6.225	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	94586	5.317	ug/L	99
70) Naphthalene	13.53	128	138916	5.549	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	84919	5.534	ug/L	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071420\
Data File : VV017477.D
Acq On : 14 Jul 2020 11:34
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
VICV34

Manual Integrations
APPROVED

MMDadoda
7/15/2020 1:02:20 PM

Quant Time: Jul 15 03:12:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration

