

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021967.D
 Acq On : 27 Aug 2021 11:07
 Operator : SY/MD
 Sample : VSTD20049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200249

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 10:21:54 AM

Quant Time: Aug 28 02:07:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	393095	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	373210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212026	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	548820	180.126	ug/L	0.00
7) Chloroethane-d5	1.552	69	419488	180.964	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	887634	183.531	ug/L	0.00
21) 2-Butanone-d5	3.873	46	818535	410.310	ug/L	0.00
24) Chloroform-d	4.352	84	1032002	193.699	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	602150	195.287	ug/L	0.00
32) Benzene-d6	5.053	84	2085816	193.834	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	650762	194.546	ug/L	0.00
41) Toluene-d8	7.320	98	1978498	198.412	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	338721	206.623	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	594612	514.911	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	903702	215.538	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	847310	192.204	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	533599	183.209	ug/L	100
3) Chloromethane	1.240	50	555646	182.862	ug/L	98
5) Vinyl chloride	1.310	62	560168	186.372	ug/L	100
6) Bromomethane	1.500	94	310168	172.785	ug/L	99
8) Chloroethane	1.571	64	346214	191.484	ug/L	99
9) Trichlorofluoromethane	1.744	101	811147	196.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	470348	197.812	ug/L	99
12) 1,1-Dichloroethene	2.114	96	436259	192.825	ug/L	94
13) Acetone	2.159	43	555300m	363.592	ug/L	
14) Carbon disulfide	2.291	76	1414016	191.156	ug/L	100
15) Methyl Acetate	2.426	43	615693	216.953	ug/L	99
16) Methylene chloride	2.503	84	583308	184.949	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	551244	207.741	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1742498	212.184	ug/L	100
19) 1,1-Dichloroethane	3.191	63	970443	205.780	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	615739	200.023	ug/L	100
22) 2-Butanone	3.957	43	882077	402.161	ug/L	94
23) Bromochloromethane	4.249	128	328599	200.928	ug/L	98
25) Chloroform	4.378	83	1003604	196.612	ug/L	100
27) 1,2-Dichloroethane	5.133	62	692977	193.569	ug/L	98
29) Cyclohexane	4.680	56	850706	193.025	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	895790	197.899	ug/L	99
31) Carbon tetrachloride	4.831	117	795783	203.389	ug/L	99
33) Benzene	5.101	78	2140474	192.368	ug/L	100
34) Trichloroethene	5.915	95	591425	184.553	ug/L	99
35) Methylcyclohexane	6.137	83	915937	197.630	ug/L	100
37) 1,2-Dichloropropane	6.178	63	558170	197.056	ug/L	100
38) Bromodichloromethane	6.513	83	758353	203.822	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	951346	211.482	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1589032	405.369	ug/L	99
42) Toluene	7.391	91	2345216	196.925	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	887782	210.848	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021967.D
 Acq On : 27 Aug 2021 11:07
 Operator : SY/MD
 Sample : VSTD20049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200249

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 10:21:54 AM

Quant Time: Aug 28 02:07:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	567588	199.654	ug/L	100
46) Tetrachloroethene	7.979	164	483475	202.742	ug/L	98
48) 2-Hexanone	8.143	43	1222258	403.431	ug/L	99
49) Dibromochloromethane	8.249	129	663405	213.117	ug/L	100
50) 1,2-Dibromoethane	8.355	107	621905	200.674	ug/L	98
51) Chlorobenzene	8.886	112	1570288	200.769	ug/L	99
52) Ethylbenzene	9.014	91	2573746	202.154	ug/L	99
53) m,p-Xylene	9.143	106	1010033	204.129	ug/L	99
54) o-Xylene	9.548	106	990769	202.815	ug/L	96
55) Styrene	9.564	104	1725293	209.900	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	906036	226.754	ug/L	99
59) Bromoform	9.734	173	512020	212.625	ug/L	100
60) Isopropylbenzene	9.934	105	2611144	189.437	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	704108	184.235	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	2284674	197.597	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	2329991	198.442	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	1341671	199.812	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	1351582	200.607	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	1318082	194.921	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	214307	230.740	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	1044144	213.387	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	969957	234.680	ug/L	100
71) Naphthalene	13.503	128	3039637	253.016	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	936446	225.998	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021967.D
Acq On : 27 Aug 2021 11:07
Operator : SY/MD
Sample : VSTD20049
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD200249

Manual Integrations
APPROVED

MMDadoda
8/30/2021 10:21:54 AM

Quant Time: Aug 28 02:07:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 28 02:05:13 2021
Response via : Initial Calibration

