

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014305.D
 Acq On : 15 Jan 2020 09:56
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001312

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:39 AM

Quant Time: Jan 16 02:00:06 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Thu Jan 16 01:51:39 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	932100	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	843261	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	389641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57167	1.07	ug/L	0.00
7) Chloroethane-d5	1.59	69	47144	1.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	86018	0.91	ug/L	0.00
20) 2-Butanone-d5	3.98	46	137697	11.27	ug/L	0.02
24) Chloroform-d	4.40	84	117580	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	55492	0.93	ug/L	0.00
32) Benzene-d6	5.10	84	243154	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	74220	1.21	ug/L	0.00
41) Toluene-d8	7.36	98	221101	1.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	29740	1.12	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	117834	12.29	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	50931	1.13	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	70987	1.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	66675	0.669 ug/L	96
3) Chloromethane	1.26	50	67898	1.071 ug/L	98
5) Vinyl chloride	1.33	62	61648	0.974 ug/L	98
6) Bromomethane	1.54	94	33773	0.909 ug/L	99
8) Chloroethane	1.60	64	33297	0.971 ug/L	99
9) Trichlorofluoromethane	1.77	101	73442	0.722 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41772	0.907 ug/L	96
12) 1,1-Dichloroethene	2.14	96	37863	0.883 ug/L	95
13) Acetone	2.24	43	98030m	14.148 ug/L	
14) Carbon disulfide	2.32	76	179085	1.325 ug/L	97
15) Methyl Acetate	2.48	43	17676	1.113 ug/L	95
16) Methylene chloride	2.54	84	82862	1.641 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	130839	0.953 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	58030	0.930 ug/L	98
19) 1,1-Dichloroethane	3.23	63	108452	0.967 ug/L	99
21) 2-Butanone	4.06	43	134008	9.965 ug/L	# 69
22) cis-1,2-Dichloroethene	3.97	96	63036	0.945 ug/L	# 95
23) Bromochloromethane	4.30	128	23429	0.828 ug/L	97
25) Chloroform	4.43	83	104012	0.768 ug/L	96
27) 1,2-Dichloroethane	5.18	62	60334	0.803 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	89416	0.863 ug/L	97
30) Cyclohexane	4.72	56	114952	1.207 ug/L	97
31) Carbon tetrachloride	4.87	117	79190	0.862 ug/L	96
33) Benzene	5.15	78	238561	1.016 ug/L	100
34) Trichloroethene	5.96	95	61304	0.932 ug/L	98
35) Methylcyclohexane	6.17	83	107721	1.020 ug/L	97
37) 1,2-Dichloropropane	6.22	63	56724	1.030 ug/L	# 91
38) Bromodichloromethane	6.55	83	71213	0.934 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	90166	1.042 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	359060	11.353 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014305.D
 Acq On : 15 Jan 2020 09:56
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001312

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:39 AM

Quant Time: Jan 16 02:00:06 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Thu Jan 16 01:51:39 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	258794	1.007	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	66519	0.963	ug/L	88
45) 1,1,2-Trichloroethane	7.88	97	36947	0.915	ug/L	97
47) Tetrachloroethene	8.02	164	41220	0.756	ug/L	92
48) 2-Hexanone	8.19	43	233869	10.511	ug/L	99
49) Dibromochloromethane	8.29	129	44746	0.905	ug/L	99
50) 1,2-Dibromoethane	8.40	107	35480	0.938	ug/L #	97
51) Chlorobenzene	8.92	112	157670	0.929	ug/L	99
52) Ethylbenzene	9.05	91	286226	0.974	ug/L	99
53) m,p-xylene	9.18	106	100068	0.906	ug/L	99
54) o-xylene	9.58	106	100913	0.954	ug/L	99
55) Styrene	9.60	104	168090	0.951	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.28	83	46189	1.033	ug/L #	98
59) Bromoform	9.77	173	22398	0.939	ug/L	99
60) Isopropylbenzene	9.97	105	271166	1.047	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	33758	1.117	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	220759	1.028	ug/L	98
63) 1,2,4-Trimethylbenzene	10.95	105	224933	1.059	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	108991	0.875	ug/L	93
65) 1,4-Dichlorobenzene	11.31	146	116829	0.927	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	99878	0.885	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	9296	1.449	ug/L	92
69) 1,3,5-Trichlorobenzene	12.69	180	80693	0.799	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	69716	0.861	ug/L	97
71) Naphthalene	13.55	128	128545	1.067	ug/L	98
72) 1,2,3-Trichlorobenzene	13.79	180	58135	0.816	ug/L	98

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

