

Data File : VU036560.D
Acq On : 24 Jan 2020 17:45
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005607

Quant Time: Jan 24 23:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	144009	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	133560	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	67851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38967	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	35608	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	65	16316	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.69	46	101333	58.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.16%
24) Chloroform-d	5.11	84	76412	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.75	65	39658	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.77	84	161646	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	49924	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.93	98	156629	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.21	79	20872	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.67	63	103168	56.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.48%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41754	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.21	152	59740	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	52018	4.926 ug/L	100
3) Chloromethane	1.53	50	54855	4.919 ug/L	98
5) Vinyl chloride	1.62	62	60883	5.030 ug/L	97
6) Bromomethane	1.87	94	37774	5.372 ug/L	97
8) Chloroethane	1.95	64	38030	5.080 ug/L	97
9) Trichlorofluoromethane	2.16	101	70732	5.024 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	43428	5.002 ug/L	97
12) 1,1-Dichloroethene	2.60	96	43611	5.066 ug/L	99
13) Acetone	2.68	43	69762	53.638 ug/L	97
14) Carbon disulfide	2.82	76	132537	4.894 ug/L	100
15) Methyl Acetate	3.00	43	16591	4.991 ug/L	100
16) Methylene chloride	3.08	84	52559	4.489 ug/L	95
17) Methyl tert-butyl Ether	3.41	73	112113	5.186 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	46315	5.009 ug/L	97
19) 1,1-Dichloroethane	3.92	63	81369	5.044 ug/L	99
21) 2-Butanone	4.77	43	112384	53.436 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	52360	5.076 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	5.02	128	23230	5.350	ug/L	98
25) Chloroform	5.13	83	81954	5.096	ug/L	100
27) 1,2-Dichloroethane	5.84	62	51534	5.109	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	67182	5.038	ug/L	99
30) Cyclohexane	5.43	56	75964	4.991	ug/L	98
31) Carbon tetrachloride	5.57	117	58883	5.206	ug/L	98
33) Benzene	5.82	78	192739	5.135	ug/L	100
34) Trichloroethene	6.58	95	51536	5.184	ug/L	98
35) Methylcyclohexane	6.80	83	83548	4.905	ug/L	98
37) 1,2-Dichloropropane	6.83	63	48422	5.188	ug/L	99
38) Bromodichloromethane	7.14	83	57757	5.065	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	73610	5.114	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	280802	53.495	ug/L	100
42) Toluene	8.00	91	212252	5.121	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	58639	5.293	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	35823	5.188	ug/L	96
47) Tetrachloroethene	8.58	164	41453	5.121	ug/L	97
48) 2-Hexanone	8.72	43	199647	55.130	ug/L	99
49) Dibromochloromethane	8.84	129	41661	5.272	ug/L	96
50) 1,2-Dibromoethane	8.95	107	34972	5.201	ug/L	96
51) Chlorobenzene	9.47	112	135653	5.096	ug/L	99
52) Ethylbenzene	9.60	91	227104	5.032	ug/L	99
53) m,p-Xylene	9.72	106	90708	5.181	ug/L	97
54) o-Xylene	10.12	106	88647	5.166	ug/L	99
55) Styrene	10.14	104	144838	5.142	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.81	83	45121	5.212	ug/L	98
59) Bromoform	10.32	173	23400	5.133	ug/L	99
60) Isopropylbenzene	10.51	105	231448	5.046	ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	32095	5.082	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	198024	5.038	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	198498	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	108041	5.053	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	106017	4.954	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	104068	5.095	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.01	75	7033	5.256	ug/L	97
69) 1,3,5-Trichlorobenzene	13.24	180	82824	5.041	ug/L	98
70) 1,2,4-trichlorobenzene	13.86	180	62488	5.234	ug/L	99
71) Naphthalene	14.10	128	92680	5.442	ug/L	99
72) 1,2,3-Trichlorobenzene	14.35	180	57906	5.366	ug/L	100

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

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