

Data File : VU036562.D
Acq On : 27 Jan 2020 09:37
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005608

Quant Time: Jan 28 01:12:41 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	153654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	141929	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	69761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39710	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	37441	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	65	17123	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.69	46	108546	58.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	5.11	84	79022	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.74	65	41570	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.77	84	168142	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	51679	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	161587	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.21	79	22321	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.67	63	107987	55.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.78%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	44746	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
66) 1,2-Dichlorobenzene-d4	12.21	152	60989	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	57775	5.128	ug/L	99
3) Chloromethane	1.53	50	59713	5.019	ug/L	100
5) Vinyl chloride	1.62	62	65263	5.053	ug/L	100
6) Bromomethane	1.87	94	41011	5.466	ug/L	100
8) Chloroethane	1.95	64	38695	4.844	ug/L	93
9) Trichlorofluoromethane	2.16	101	76915	5.120	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	47759	5.156	ug/L	98
12) 1,1-Dichloroethene	2.61	96	46742	5.089	ug/L	90
13) Acetone	2.68	43	71781	51.726	ug/L	96
14) Carbon disulfide	2.82	76	149052	5.159	ug/L	100
15) Methyl Acetate	2.99	43	17420	4.911	ug/L	100
16) Methylene chloride	3.08	84	55076	4.408	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	120609	5.229	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	50162	5.084	ug/L	99
19) 1,1-Dichloroethane	3.92	63	86776	5.041	ug/L	99
21) 2-Butanone	4.77	43	119703	53.344	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	55519	5.044	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	5.02	128	24856	5.365	ug/L	96
25) Chloroform	5.13	83	87085	5.075	ug/L	97
27) 1,2-Dichloroethane	5.84	62	54696	5.083	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	72518	5.117	ug/L	99
30) Cyclohexane	5.43	56	81933	5.066	ug/L	99
31) Carbon tetrachloride	5.57	117	62969	5.239	ug/L	100
33) Benzene	5.81	78	204572	5.129	ug/L	100
34) Trichloroethene	6.58	95	53929	5.105	ug/L	97
35) Methylcyclohexane	6.80	83	94325	5.211	ug/L	99
37) 1,2-Dichloropropane	6.83	63	51605	5.203	ug/L	100
38) Bromodichloromethane	7.14	83	64014	5.283	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	82701	5.406	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	299731	53.734	ug/L	99
42) Toluene	8.00	91	221853	5.037	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	63977	5.434	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	37930	5.169	ug/L	95
47) Tetrachloroethene	8.58	164	43988	5.114	ug/L	98
48) 2-Hexanone	8.72	43	212103	55.116	ug/L	98
49) Dibromochloromethane	8.84	129	45273	5.391	ug/L	99
50) 1,2-Dibromoethane	8.95	107	37517	5.251	ug/L	99
51) Chlorobenzene	9.47	112	142661	5.043	ug/L	99
52) Ethylbenzene	9.60	91	242454	5.055	ug/L	98
53) m,p-Xylene	9.72	106	94859	5.098	ug/L	99
54) o-Xylene	10.12	106	94044	5.158	ug/L	100
55) Styrene	10.14	104	153237	5.120	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.81	83	49077	5.335	ug/L	97
59) Bromoform	10.32	173	25794	5.503	ug/L	99
60) Isopropylbenzene	10.51	105	244624	5.188	ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	34681	5.341	ug/L	98
62) 1,3,5-Trimethylbenzene	11.11	105	213027	5.271	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	209264	5.218	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	114396	5.203	ug/L	99
65) 1,4-Dichlorobenzene	11.86	146	112145	5.097	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	108365	5.160	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	7510	5.458	ug/L	91
69) 1,3,5-Trichlorobenzene	13.24	180	88246	5.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.86	180	63751	5.193	ug/L	99
71) Naphthalene	14.10	128	93034	5.313	ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	58537	5.275	ug/L	99

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

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