

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043475.D
 Acq On : 30 Apr 2021 15:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Apr 30 16:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88548	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	87547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46471	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19036	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	19462	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.572	65	12601	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.655	46	115448	58.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	5.073	84	61513	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.713	65	37356	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.735	84	105001	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.700	67	37189	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.906	98	96495	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.186	79	14125	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	73742	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31898	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	35675	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	30565	5.38	ug/L	98
3) Chloromethane	1.520	50	30760	5.51	ug/L	95
5) Vinyl chloride	1.607	62	30060	5.17	ug/L	99
6) Bromomethane	1.861	94	12808	3.69	ug/L	97
8) Chloroethane	1.938	64	17566	4.19	ug/L	99
9) Trichlorofluoromethane	2.144	101	47117	4.35	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29003	4.96	ug/L	97
12) 1,1-Dichloroethene	2.584	96	25639	5.21	ug/L	81
13) Acetone	2.668	43	77850	53.65	ug/L	88
14) Carbon disulfide	2.797	76	62159	4.95	ug/L	97
15) Methyl Acetate	2.967	43	16409	6.01	ug/L	# 86
16) Methylene chloride	3.054	84	33668	5.29	ug/L	81
17) Methyl tert-butyl Ether	3.375	73	71837	4.46	ug/L	# 89
18) trans-1,2-Dichloroethene	3.359	96	26059	4.97	ug/L	89
19) 1,1-Dichloroethane	3.880	63	61824	5.41	ug/L	98
21) 2-Butanone	4.736	43	126654	52.88	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	29940	4.82	ug/L	84
23) Bromochloromethane	4.983	128	14613	5.16	ug/L	# 70
25) Chloroform	5.096	83	64655	5.31	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45812	5.13	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	51965	4.81	ug/L #	91
30) Cyclohexane	5.398	56	42086	4.54	ug/L	84
31) Carbon tetrachloride	5.533	117	42308	4.70	ug/L	100
33) Benzene	5.784	78	120973	5.17	ug/L	100
34) Trichloroethene	6.552	95	30799	4.78	ug/L	93
35) Methylcyclohexane	6.771	83	37927	4.25	ug/L #	83
37) 1,2-Dichloropropane	6.800	63	36401	5.52	ug/L #	97
38) Bromodichloromethane	7.112	83	45083	5.10	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	45351	4.71	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	304367	51.62	ug/L #	82
42) Toluene	7.977	91	127495	4.87	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	41472	4.57	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	24686	5.01	ug/L	93
47) Tetrachloroethene	8.562	164	22418	4.39	ug/L	95
48) 2-Hexanone	8.694	43	233757	53.88	ug/L #	83
49) Dibromochloromethane	8.819	129	29124	4.69	ug/L	99
50) 1,2-Dibromoethane	8.931	107	23171	4.73	ug/L	100
51) Chlorobenzene	9.452	112	78778	4.72	ug/L	93
52) Ethylbenzene	9.578	91	133843	4.47	ug/L	96
53) m,p-Xylene	9.700	106	49338	4.50	ug/L	93
54) o-Xylene	10.108	106	48374	4.46	ug/L	88
55) Styrene	10.121	104	86117	4.63	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.790	83	33356	5.15	ug/L	98
59) Bromoform	10.298	173	17216	4.53	ug/L #	96
60) Isopropylbenzene	10.491	105	130887	4.39	ug/L #	96
61) 1,2,3-Trichloropropane	10.832	75	24237	5.05	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	102932	4.22	ug/L	93
63) 1,2,4-Trimethylbenzene	11.475	105	102955	4.11	ug/L	96
64) 1,3-Dichlorobenzene	11.755	146	66030	4.66	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	66044	4.60	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	63391	4.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5449	4.66	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.227	180	50063	4.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	39395	4.10	ug/L	98
71) Naphthalene	14.095	128	70082	4.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	39761	4.51	ug/L	99

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

