

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043464.D
 Acq On : 30 Apr 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005154

Quant Time: Apr 30 13:28:59 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	6.260	114	93040	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	92861	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47050	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21909	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	20998	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.575	65	14571	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	4.655	46	136743	65.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.80%#
24) Chloroform-d	5.076	84	65710	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.713	65	40540	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.735	84	112386	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	40065	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.906	98	102119	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.185	79	15441	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.645	63	83187	52.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.34%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35504	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39033	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32468	5.44	ug/L	99
3) Chloromethane	1.523	50	31715	5.40	ug/L	97
5) Vinyl chloride	1.607	62	32525	5.32	ug/L	98
6) Bromomethane	1.864	94	14746	4.04	ug/L	98
8) Chloroethane	1.941	64	19879	4.51	ug/L	99
9) Trichlorofluoromethane	2.144	101	50908	4.47	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31986	5.20	ug/L	98
12) 1,1-Dichloroethene	2.588	96	26479	5.12	ug/L	77
13) Acetone	2.671	43	84897	55.68	ug/L	# 55
14) Carbon disulfide	2.800	76	66039	5.01	ug/L	99
15) Methyl Acetate	2.970	43	17404	6.07	ug/L	# 87
16) Methylene chloride	3.057	84	34446	5.15	ug/L	# 77
17) Methyl tert-butyl Ether	3.375	73	81608	4.83	ug/L	# 90
18) trans-1,2-Dichloroethene	3.363	96	27956	5.07	ug/L	86
19) 1,1-Dichloroethane	3.880	63	66133	5.51	ug/L	98
21) 2-Butanone	4.735	43	149190	59.29	ug/L	80
22) cis-1,2-Dichloroethene	4.678	96	32208	4.93	ug/L	85
23) Bromochloromethane	4.986	128	15597	5.24	ug/L	# 72
25) Chloroform	5.099	83	66920	5.23	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	49165	5.23	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	54792	4.78	ug/L #	92
30) Cyclohexane	5.398	56	47222	4.81	ug/L #	83
31) Carbon tetrachloride	5.536	117	44832	4.69	ug/L	100
33) Benzene	5.784	78	128336	5.17	ug/L	100
34) Trichloroethene	6.552	95	32229	4.71	ug/L	95
35) Methylcyclohexane	6.774	83	42384	4.48	ug/L #	84
37) 1,2-Dichloropropane	6.800	63	38413	5.50	ug/L #	97
38) Bromodichloromethane	7.115	83	48783	5.20	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	50228	4.92	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	351168	56.15	ug/L #	83
42) Toluene	7.976	91	137316	4.95	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	46971	4.88	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	26792	5.13	ug/L	93
47) Tetrachloroethene	8.558	164	23773	4.38	ug/L	96
48) 2-Hexanone	8.697	43	266157	57.84	ug/L #	83
49) Dibromochloromethane	8.819	129	31238	4.74	ug/L	92
50) 1,2-Dibromoethane	8.931	107	25011	4.81	ug/L	98
51) Chlorobenzene	9.456	112	84950	4.80	ug/L	94
52) Ethylbenzene	9.578	91	145406	4.58	ug/L	96
53) m,p-Xylene	9.700	106	52866	4.55	ug/L	85
54) o-Xylene	10.108	106	50898	4.42	ug/L	87
55) Styrene	10.121	104	91029	4.61	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	36954	5.38	ug/L	97
59) Bromoform	10.298	173	17988	4.68	ug/L #	98
60) Isopropylbenzene	10.491	105	142981	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	27261	5.61	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	112613	4.56	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	114942	4.53	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	69960	4.88	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	70367	4.84	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68928	4.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6276	5.30	ug/L	86
69) 1,3,5-Trichlorobenzene	13.227	180	53714	4.57	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	45760	4.70	ug/L	98
71) Naphthalene	14.095	128	82703	5.04	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	44548	4.99	ug/L	99

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

