

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043253.D
 Acq On : 21 Apr 2021 16:19
 Operator : SY/MD
 Sample : M2088-08MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487MSD

Quant Time: Apr 22 04:43:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82103	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81839	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43961	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18669	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.919	69	18685	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.571	65	11761	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.645	46	114769	62.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.36%
24) Chloroform-d	5.073	84	58762	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.713	65	34971	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.735	84	98647	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	33864	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	92389	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.185	79	13903	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.642	63	71774	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30353	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38964	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14847	2.82	ug/L	98
3) Chloromethane	1.523	50	19213	3.71	ug/L	98
5) Vinyl chloride	1.610	62	22511	4.17	ug/L	# 41
6) Bromomethane	1.864	94	12823	3.98	ug/L	92
8) Chloroethane	1.941	64	19185	4.94	ug/L	85
9) Trichlorofluoromethane	2.144	101	45330	4.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26186	4.83	ug/L	95
12) 1,1-Dichloroethene	2.588	96	22693	4.97	ug/L	77
13) Acetone	2.658	43	78213	58.13	ug/L	# 63
14) Carbon disulfide	2.800	76	68961	5.93	ug/L	99
15) Methyl Acetate	2.967	43	17335	6.85	ug/L	# 82
16) Methylene chloride	3.057	84	28540	4.83	ug/L	80
17) Methyl tert-butyl Ether	3.372	73	578145	38.74	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	27134	5.58	ug/L	90
19) 1,1-Dichloroethane	3.880	63	59094	5.58	ug/L	98
21) 2-Butanone	4.723	43	127079	57.23	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	37481	6.50	ug/L	86
23) Bromochloromethane	4.983	128	14369	5.47	ug/L	# 78
25) Chloroform	5.096	83	60240	5.33	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	46381	5.60	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	52260	5.17	ug/L #	93
30) Cyclohexane	5.398	56	45330	5.23	ug/L	85
31) Carbon tetrachloride	5.533	117	44776	5.32	ug/L	99
33) Benzene	5.784	78	121128	5.53	ug/L	100
34) Trichloroethene	6.549	95	40779	6.77	ug/L	95
35) Methylcyclohexane	6.771	83	44626	5.35	ug/L	89
37) 1,2-Dichloropropane	6.800	63	33405	5.42	ug/L	98
38) Bromodichloromethane	7.115	83	44353	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	47098	5.23	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	317165	57.54	ug/L #	83
42) Toluene	7.976	91	130417	5.33	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	44262	5.22	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	25097	5.45	ug/L	96
47) Tetrachloroethene	8.558	164	27553	5.77	ug/L	91
48) 2-Hexanone	8.693	43	248736	61.33	ug/L #	82
49) Dibromochloromethane	8.819	129	31219	5.37	ug/L	95
50) 1,2-Dibromoethane	8.931	107	23690	5.17	ug/L #	99
51) Chlorobenzene	9.452	112	81899	5.25	ug/L	91
52) Ethylbenzene	9.578	91	141936	5.07	ug/L	98
53) m,p-Xylene	9.700	106	53435	5.22	ug/L	90
54) o-Xylene	10.108	106	52544	5.18	ug/L	97
55) Styrene	10.121	104	90372	5.20	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.790	83	34031	5.62	ug/L	98
59) Bromoform	10.298	173	18654	5.19	ug/L	98
60) Isopropylbenzene	10.491	105	141978	5.03	ug/L #	97
61) 1,2,3-Trichloropropane	10.828	75	25741	5.67	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	115907	5.02	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	118160	4.98	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	69815	5.21	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	71230	5.25	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	69236	5.32	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	6044	5.47	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	56672	5.16	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	48386	5.32	ug/L	98
71) Naphthalene	14.095	128	90534	5.90	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	46079	5.53	ug/L	96

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

