

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043252.D
 Acq On : 21 Apr 2021 15:55
 Operator : SY/MD
 Sample : M2088-07MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487MS

Quant Time: Apr 22 04:43:14 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	80226	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82849	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44448	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16915	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.919	69	18019	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.572	65	11125	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.642	46	105748	59.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	5.073	84	56507	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.710	65	34531	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	94189	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	31403	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	88631	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.185	79	13177	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.642	63	66608	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29555	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	36479	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14394	2.80	ug/L	99
3) Chloromethane	1.523	50	18942	3.74	ug/L	100
5) Vinyl chloride	1.610	62	21830	4.14	ug/L	# 78
6) Bromomethane	1.864	94	13083	4.16	ug/L	93
8) Chloroethane	1.941	64	17146	4.51	ug/L	85
9) Trichlorofluoromethane	2.144	101	42483	4.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	25437	4.80	ug/L	94
12) 1,1-Dichloroethene	2.588	96	22411	5.03	ug/L	86
13) Acetone	2.655	43	73721	56.07	ug/L	# 65
14) Carbon disulfide	2.800	76	65059	5.72	ug/L	100
15) Methyl Acetate	2.964	43	16084	6.51	ug/L	# 85
16) Methylene chloride	3.054	84	27513	4.77	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	555306	38.08	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	26531	5.58	ug/L	92
19) 1,1-Dichloroethane	3.877	63	55825	5.39	ug/L	98
21) 2-Butanone	4.723	43	119565	55.10	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	35230	6.26	ug/L	88
23) Bromochloromethane	4.986	128	14574	5.68	ug/L	# 80
25) Chloroform	5.099	83	57154	5.18	ug/L	96

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

27) 1,2-Dichloroethane	5.803	62	43855	5.42	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	49626	4.85	ug/L #	92
30) Cyclohexane	5.401	56	42824	4.89	ug/L	85
31) Carbon tetrachloride	5.536	117	42916	5.03	ug/L	100
33) Benzene	5.784	78	114481	5.17	ug/L	100
34) Trichloroethene	6.549	95	38966	6.39	ug/L	93
35) Methylcyclohexane	6.771	83	41679	4.94	ug/L	89
37) 1,2-Dichloropropane	6.800	63	31662	5.08	ug/L	97
38) Bromodichloromethane	7.112	83	41898	5.01	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	43795	4.81	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	295962	53.04	ug/L #	83
42) Toluene	7.976	91	127515	5.15	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	39762	4.63	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	23784	5.10	ug/L	96
47) Tetrachloroethene	8.558	164	25686	5.31	ug/L	96
48) 2-Hexanone	8.693	43	232535	56.64	ug/L #	82
49) Dibromochloromethane	8.816	129	29179	4.96	ug/L	92
50) 1,2-Dibromoethane	8.931	107	23311	5.03	ug/L #	99
51) Chlorobenzene	9.452	112	78899	5.00	ug/L	94
52) Ethylbenzene	9.578	91	134002	4.73	ug/L	98
53) m,p-Xylene	9.700	106	50438	4.86	ug/L	83
54) o-Xylene	10.108	106	49487	4.82	ug/L	94
55) Styrene	10.121	104	85917	4.88	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.787	83	32512	5.31	ug/L	97
59) Bromoform	10.298	173	17551	4.83	ug/L	99
60) Isopropylbenzene	10.491	105	135232	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	24470	5.33	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	108585	4.65	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	112223	4.68	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	68318	5.05	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	68547	4.99	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	65662	4.99	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	5470	4.89	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	54634	4.92	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	45123	4.91	ug/L	99
71) Naphthalene	14.095	128	81751	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	44099	5.23	ug/L	97

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

