

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042465.D
 Acq On : 01 Mar 2021 17:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005353

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:32 PM

Quant Time: Mar 02 14:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96724	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	54592	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19637	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.919	69	21111	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.571	65	12376	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.645	46	123041	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	5.073	84	65519	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.710	65	40581	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.739	84	112266	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	38262	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	107458	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.189	79	15723	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.642	63	88244	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35205	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	46663	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	49836	5.17	ug/L	99
3) Chloromethane	1.523	50	45539	5.12	ug/L	98
5) Vinyl chloride	1.607	62	46012	5.21	ug/L	97
6) Bromomethane	1.864	94	27361	5.21	ug/L	98
8) Chloroethane	1.938	64	27673	5.20	ug/L	97
9) Trichlorofluoromethane	2.144	101	75848	5.32	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39296	5.31	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36885	5.29	ug/L	94
13) Acetone	2.655	43	90001m	50.85	ug/L	
14) Carbon disulfide	2.800	76	115861	5.00	ug/L	99
15) Methyl Acetate	2.961	43	19883	4.85	ug/L	97
16) Methylene chloride	3.054	84	39517	5.00	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	102302	5.05	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	37740	5.08	ug/L	99
19) 1,1-Dichloroethane	3.880	63	74885	5.19	ug/L	98
21) 2-Butanone	4.723	43	148701	49.33	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	41077	5.16	ug/L	97
23) Bromochloromethane	4.986	128	19843	5.18	ug/L	93
25) Chloroform	5.099	83	77292	5.12	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	58580	5.19	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	70797	5.19	ug/L	98
30) Cyclohexane	5.398	56	71464	5.32	ug/L	99
31) Carbon tetrachloride	5.533	117	59534	5.15	ug/L	98
33) Benzene	5.784	78	156792	5.18	ug/L	100
34) Trichloroethene	6.552	95	43179	5.31	ug/L	99
35) Methylcyclohexane	6.771	83	67213	5.37	ug/L	98
37) 1,2-Dichloropropane	6.800	63	42952	5.23	ug/L	100
38) Bromodichloromethane	7.115	83	56561	5.25	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	63013	5.17	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	368621	51.85	ug/L	99
42) Toluene	7.976	91	173854	5.28	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	56769	5.18	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	30798	5.18	ug/L	93
47) Tetrachloroethene	8.562	164	35143	5.27	ug/L	98
48) 2-Hexanone	8.697	43	274007	52.62	ug/L	99
49) Dibromochloromethane	8.819	129	38936	5.07	ug/L	99
50) 1,2-Dibromoethane	8.931	107	31507	5.17	ug/L	100
51) Chlorobenzene	9.455	112	109353	5.26	ug/L	99
52) Ethylbenzene	9.578	91	196126	5.30	ug/L	98
53) m,p-Xylene	9.703	106	73156	5.28	ug/L	99
54) o-Xylene	10.108	106	70732	5.33	ug/L	98
55) Styrene	10.121	104	122725	5.45	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	40864	5.09	ug/L	94
59) Bromoform	10.298	173	24213	4.94	ug/L	98
60) Isopropylbenzene	10.491	105	196808	5.30	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	31190	5.08	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	166819	5.32	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	168004	5.38	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	95205	5.30	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	92210	5.18	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	88617	5.21	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7514	4.93	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	75906	5.22	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	62639	5.43	ug/L	97
71) Naphthalene	14.095	128	96917	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	56133	5.39	ug/L	98

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

