

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081921\
 Data File : VU044460.D
 Acq On : 19 Aug 2021 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 12:48:58 PM

Quant Time: Aug 20 05:03:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:54:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115557	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	117003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43789	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.916	69	39437	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.571	65	19624	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.639	46	133716m	51.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	5.073	84	83467	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.710	65	44006	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.735	84	163627	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.700	67	52270	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.906	98	146686	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.185	79	19464	5.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.642	63	106484	52.020	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44480	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	49727	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64295	5.410	ug/L	99
3) Chloromethane	1.523	50	76467	4.912	ug/L	99
5) Vinyl chloride	1.607	62	76276	5.300	ug/L	98
6) Bromomethane	1.861	94	42320	5.410	ug/L	100
8) Chloroethane	1.938	64	47051	5.348	ug/L	99
9) Trichlorofluoromethane	2.144	101	88148	5.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49688	5.488	ug/L	99
12) 1,1-Dichloroethene	2.584	96	48220	5.430	ug/L	97
13) Acetone	2.645	43	100489m	46.820	ug/L	
14) Carbon disulfide	2.800	76	152458	5.293	ug/L	98
15) Methyl Acetate	2.961	43	16382	4.673	ug/L	93
16) Methylene chloride	3.054	84	57774	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	123210	5.365	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	50598	5.468	ug/L	99
19) 1,1-Dichloroethane	3.880	63	95710	5.336	ug/L	97
21) 2-Butanone	4.719	43	163890m	53.584	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	53506	5.408	ug/L	96
23) Bromochloromethane	4.983	128	23801	5.457	ug/L	99
25) Chloroform	5.095	83	97004	5.271	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67344	5.486	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	79628	5.438	ug/L	98
30) Cyclohexane	5.398	56	87795	5.423	ug/L	98
31) Carbon tetrachloride	5.533	117	65918	5.478	ug/L	98
33) Benzene	5.784	78	214047	5.392	ug/L	100
34) Trichloroethene	6.549	95	53686	5.470	ug/L	99
35) Methylcyclohexane	6.771	83	88074	5.381	ug/L	100
37) 1,2-Dichloropropane	6.800	63	55941	5.382	ug/L	100
38) Bromodichloromethane	7.115	83	69002	5.406	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	78273	5.369	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	393664	55.777	ug/L	100
42) Toluene	7.976	91	224160	5.421	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	68327	5.530	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	41452	5.592	ug/L	96
47) Tetrachloroethene	8.558	164	36495	5.378	ug/L	98
48) 2-Hexanone	8.697	43	284655	56.524	ug/L	99
49) Dibromochloromethane	8.816	129	42634	5.435	ug/L	99
50) 1,2-Dibromoethane	8.931	107	38584	5.442	ug/L	97
51) Chlorobenzene	9.452	112	135369	5.334	ug/L	99
52) Ethylbenzene	9.578	91	238353	5.457	ug/L	99
53) m,p-Xylene	9.700	106	91174	5.552	ug/L	98
54) o-Xylene	10.108	106	88479	5.531	ug/L	99
55) Styrene	10.121	104	155820	5.941	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	53053	5.436	ug/L	100
59) Bromoform	10.298	173	22150	5.212	ug/L	100
60) Isopropylbenzene	10.491	105	233627	5.322	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	39155	5.209	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	191850	5.345	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	198312	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	102736	5.330	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	102077	5.242	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	97082	5.284	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8050	5.236	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	69926	5.153	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	55560	5.223	ug/L	99
71) Naphthalene	14.092	128	102793	5.069	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51370	5.275	ug/L	100

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

