

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090821\
 Data File : VU044600.D
 Acq On : 08 Sep 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005102

Quant Time: Sep 09 07:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	120244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	122115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	67760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39233	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.919	69	40623	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.571	65	17734	4.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.642	46	118668	44.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	5.073	84	74091	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.710	65	42941	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	161029	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.697	67	49140	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.902	98	149933	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.185	79	18332	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.642	63	106084	49.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46275	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	57282	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52011	4.206	ug/L	99
3) Chloromethane	1.520	50	56080	3.462	ug/L	99
5) Vinyl chloride	1.607	62	65067	4.345	ug/L	97
6) Bromomethane	1.861	94	36713	4.510	ug/L	99
8) Chloroethane	1.938	64	40658	4.441	ug/L	98
9) Trichlorofluoromethane	2.144	101	81929	4.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	47204	5.010	ug/L	96
12) 1,1-Dichloroethene	2.587	96	43941	4.755	ug/L	84
13) Acetone	2.645	43	71590	32.055	ug/L	84
14) Carbon disulfide	2.800	76	128579	4.290	ug/L	99
15) Methyl Acetate	2.964	43	16257	4.457	ug/L #	89
16) Methylene chloride	3.054	84	52125	3.796	ug/L	88
17) Methyl tert-butyl Ether	3.372	73	106676	4.464	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	46312	4.810	ug/L	89
19) 1,1-Dichloroethane	3.877	63	80360	4.305	ug/L	98
21) 2-Butanone	4.719	43	131575	41.342	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	50061	4.863	ug/L	92
23) Bromochloromethane	4.983	128	24025	5.294	ug/L #	81
25) Chloroform	5.095	83	97255	5.078	ug/L	99

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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005102

Quant Time: Sep 09 07:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	55109	4.314	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	72674	4.755	ug/L	98
30) Cyclohexane	5.398	56	68182	4.036	ug/L	91
31) Carbon tetrachloride	5.533	117	58094	4.626	ug/L	99
33) Benzene	5.780	78	190656	4.602	ug/L	100
34) Trichloroethene	6.549	95	49843	4.866	ug/L	96
35) Methylcyclohexane	6.771	83	78421	4.590	ug/L	93
37) 1,2-Dichloropropane	6.796	63	47030	4.335	ug/L	98
38) Bromodichloromethane	7.111	83	62346	4.680	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	68265	4.487	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	314063	42.636	ug/L #	94
42) Toluene	7.976	91	210130	4.869	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	60695	4.707	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	38621	4.992	ug/L	97
47) Tetrachloroethene	8.558	164	38658	5.458	ug/L	93
48) 2-Hexanone	8.693	43	234123	44.543	ug/L	96
49) Dibromochloromethane	8.816	129	42648	5.209	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37417	5.056	ug/L #	100
51) Chlorobenzene	9.452	112	133799	5.052	ug/L	95
52) Ethylbenzene	9.578	91	224547	4.925	ug/L	98
53) m,p-Xylene	9.700	106	89346	5.213	ug/L	95
54) o-Xylene	10.105	106	86038	5.153	ug/L	97
55) Styrene	10.118	104	151606	5.539	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	49626	4.872	ug/L	97
59) Bromoform	10.298	173	24040	5.022	ug/L	97
60) Isopropylbenzene	10.491	105	226025	4.571	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	35384	4.179	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	187417	4.635	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	193359	4.663	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	110233	5.076	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	112139	5.112	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	104552	5.052	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7619	4.399	ug/L	89
69) 1,3,5-Trichlorobenzene	13.224	180	81847	5.354	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	67366	5.622	ug/L	98
71) Naphthalene	14.092	128	114580	5.015	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	61837	5.636	ug/L	99

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

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Operator  : SY/MD  
Sample    : VSTDCCC005  
Misc      : 25.0mL/MSVOA_U/WATER  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
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