

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044309.D
 Acq On : 02 Jul 2021 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Jul 03 05:02:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	127997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	69814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25397	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.919	69	29446	4.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.575	65	14102	3.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.642	46	102554	38.757	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.520%
24) Chloroform-d	5.073	84	76435	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.710	65	43062	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.735	84	143168	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.700	67	48151	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.906	98	135478	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.185	79	19603	4.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.642	63	116444	51.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44447	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	57308	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34715	4.442	ug/L	99
3) Chloromethane	1.523	50	39843	4.408	ug/L	99
5) Vinyl chloride	1.607	62	44307	4.724	ug/L	100
6) Bromomethane	1.864	94	24126	4.011	ug/L	96
8) Chloroethane	1.941	64	30766	4.821	ug/L	93
9) Trichlorofluoromethane	2.144	101	72861	5.563	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40494	5.151	ug/L	97
12) 1,1-Dichloroethene	2.588	96	37352	4.874	ug/L	89
13) Acetone	2.652	43	59024	49.888	ug/L	91
14) Carbon disulfide	2.800	76	91074	3.859	ug/L	100
15) Methyl Acetate	2.964	43	16337	4.915	ug/L	98
16) Methylene chloride	3.054	84	43529	4.214	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	113684	5.002	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	38586	4.730	ug/L	98
19) 1,1-Dichloroethane	3.880	63	78472	5.044	ug/L	99
21) 2-Butanone	4.723	43	111700	41.557	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	46306	5.188	ug/L	92
23) Bromochloromethane	4.983	128	20843	5.127	ug/L	91
25) Chloroform	5.096	83	83687	5.038	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	53311	4.815	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	72719	5.043	ug/L	99
30) Cyclohexane	5.398	56	65767	4.421	ug/L	97
31) Carbon tetrachloride	5.533	117	63844	5.196	ug/L	99
33) Benzene	5.784	78	166349	4.954	ug/L	100
34) Trichloroethene	6.549	95	44692	4.915	ug/L	94
35) Methylcyclohexane	6.771	83	69154	4.606	ug/L	98
37) 1,2-Dichloropropane	6.800	63	46115	5.200	ug/L	99
38) Bromodichloromethane	7.115	83	61991	4.973	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	72348	4.968	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	360914	50.644	ug/L	99
42) Toluene	7.976	91	186859	5.053	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	64630	4.840	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	35085	5.256	ug/L	99
47) Tetrachloroethene	8.558	164	35174	5.232	ug/L	95
48) 2-Hexanone	8.693	43	259414	51.656	ug/L	99
49) Dibromochloromethane	8.816	129	43939	5.186	ug/L	98
50) 1,2-Dibromoethane	8.931	107	33915	5.260	ug/L #	93
51) Chlorobenzene	9.452	112	123916	5.232	ug/L	99
52) Ethylbenzene	9.578	91	216454	5.071	ug/L	100
53) m,p-Xylene	9.700	106	83320	5.155	ug/L	97
54) o-Xylene	10.105	106	83628	5.323	ug/L	95
55) Styrene	10.121	104	141926	5.150	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	45336	5.119	ug/L	98
59) Bromoform	10.298	173	25524	5.165	ug/L	100
60) Isopropylbenzene	10.491	105	226509	5.336	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	33784	5.360	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	192362	5.200	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	196284	5.188	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	102715	5.360	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	103454	5.354	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	97609	5.416	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7955	4.832	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	79721	5.459	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	66337	5.364	ug/L	99
71) Naphthalene	14.092	128	124573	5.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	59265	5.548	ug/L	99

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

