

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051813.D
 Acq On : 10 Nov 2022 20:23
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Nov 11 00:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	215118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75816	4.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.909	69	73644	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.562	65	30200	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.617	46	234882	40.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.060%
24) Chloroform-d	5.060	84	170474	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.700	65	87320	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.726	84	345062	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.687	67	111174	4.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	317536	5.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%
43) trans-1,3-Dichloroprop...	8.179	79	39404	5.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.400%
46) 2-Hexanone-d5	8.629	63	204985	46.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102293	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	112852	5.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	90088	3.829	ug/L	100
3) Chloromethane	1.527	50	110080	3.712	ug/L	100
5) Vinyl chloride	1.601	62	111763	3.934	ug/L	85
6) Bromomethane	1.848	94	90390	6.711	ug/L	97
8) Chloroethane	1.929	64	72121	4.181	ug/L	95
9) Trichlorofluoromethane	2.134	101	128975	4.136	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81082	4.422	ug/L	98
12) 1,1-Dichloroethene	2.578	96	76643	4.098	ug/L	96
13) Acetone	2.623	43	155838	52.346	ug/L	98
14) Carbon disulfide	2.790	76	192791	3.198	ug/L	100
15) Methyl Acetate	2.948	43	41160	5.281	ug/L	96
16) Methylene chloride	3.041	84	196635	6.419	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	221015	5.154	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	85818	4.276	ug/L	98
19) 1,1-Dichloroethane	3.867	63	176351	4.764	ug/L	99
21) 2-Butanone	4.697	43	264143	56.656	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	103879	4.678	ug/L	98
23) Bromochloromethane	4.973	128	49260	4.744	ug/L	98
25) Chloroform	5.086	83	190424	4.958	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111935	4.736	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	139402	4.768	ug/L	100
30) Cyclohexane	5.385	56	103186	3.833	ug/L	99
31) Carbon tetrachloride	5.523	117	116039	4.641	ug/L	98
33) Benzene	5.771	78	399673	4.704	ug/L	100
34) Trichloroethene	6.539	95	93838	4.576	ug/L	97
35) Methylcyclohexane	6.761	83	112410	3.965	ug/L	99
37) 1,2-Dichloropropane	6.790	63	112449	5.145	ug/L	100
38) Bromodichloromethane	7.105	83	137883	5.165	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	140241	5.002	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	658263	60.051	ug/L	100
42) Toluene	7.967	91	426518	4.888	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	121834	5.200	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	85784	5.357	ug/L	99
47) Tetrachloroethene	8.552	164	69716	4.439	ug/L	96
48) 2-Hexanone	8.681	43	482462	59.461	ug/L	98
49) Dibromochloromethane	8.806	129	98353	5.376	ug/L	99
50) 1,2-Dibromoethane	8.922	107	76278	5.279	ug/L	96
51) Chlorobenzene	9.446	112	274514	4.998	ug/L	98
52) Ethylbenzene	9.568	91	409906	4.868	ug/L	99
53) m,p-Xylene	9.694	106	161828	4.948	ug/L	97
54) o-Xylene	10.099	106	161903	5.065	ug/L	99
55) Styrene	10.112	104	285434	5.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	111716	5.626	ug/L	99
59) Bromoform	10.288	173	56945	5.659	ug/L	99
60) Isopropylbenzene	10.481	105	413711	5.203	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	78995	5.609	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	104385	4.877	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	309147	5.009	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	208903	5.277	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	209573	5.280	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	206527	5.356	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	16263	5.608	ug/L	95
69) 1,3,5-Trichlorobenzene	13.218	180	144694	5.128	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	115292	5.323	ug/L	98
71) Naphthalene	14.082	128	218340	5.400	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	118984	5.440	ug/L	100

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

