

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110922\
 Data File : VU051796.D
 Acq On : 09 Nov 2022 15:05
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Nov 10 01:05:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 10 01:04:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64394	3.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.909	69	61823	3.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.565	65	27483	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.626	46	180319	29.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.880%
24) Chloroform-d	5.060	84	147803	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.700	65	73268	3.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
32) Benzene-d6	5.726	84	287195	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.690	67	92475	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.896	98	269238	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.179	79	33076	4.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.632	63	147376	32.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83538	3.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	94945	4.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	78049	3.232	ug/L	96
3) Chloromethane	1.523	50	89040	2.925	ug/L	98
5) Vinyl chloride	1.601	62	92246	3.163	ug/L	92
6) Bromomethane	1.855	94	30752	2.224	ug/L	95
8) Chloroethane	1.932	64	60847	3.436	ug/L	99
9) Trichlorofluoromethane	2.137	101	117384	3.667	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	72403	3.847	ug/L	98
12) 1,1-Dichloroethene	2.578	96	66624	3.470	ug/L	95
13) Acetone	2.636	43	134868	44.131	ug/L	99
14) Carbon disulfide	2.790	76	164664	2.661	ug/L	99
15) Methyl Acetate	2.951	43	31873	3.984	ug/L	99
16) Methylene chloride	3.044	84	131806	4.192	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	177129	4.024	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	73820	3.583	ug/L	98
19) 1,1-Dichloroethane	3.867	63	151623	3.990	ug/L	99
21) 2-Butanone	4.703	43	215082	44.940	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	87639	3.844	ug/L	97
23) Bromochloromethane	4.973	128	42858	4.021	ug/L	97
25) Chloroform	5.086	83	168109	4.264	ug/L	99

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27) 1,2-Dichloroethane	5.793	62	97701	4.027	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	120651	3.975	ug/L	100
30) Cyclohexane	5.388	56	85574	3.062	ug/L	99
31) Carbon tetrachloride	5.523	117	97269	3.747	ug/L	99
33) Benzene	5.774	78	341986	3.877	ug/L	100
34) Trichloroethene	6.539	95	80706	3.791	ug/L	99
35) Methylcyclohexane	6.761	83	90789	3.084	ug/L	96
37) 1,2-Dichloropropane	6.790	63	95239	4.198	ug/L	100
38) Bromodichloromethane	7.105	83	117969	4.257	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	116876	4.015	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	508519	44.685	ug/L	100
42) Toluene	7.967	91	368846	4.071	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	102987	4.234	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	73291	4.408	ug/L	98
47) Tetrachloroethene	8.552	164	59949	3.677	ug/L	95
48) 2-Hexanone	8.684	43	384903	45.694	ug/L	98
49) Dibromochloromethane	8.809	129	82950	4.367	ug/L	98
50) 1,2-Dibromoethane	8.922	107	64415	4.294	ug/L	97
51) Chlorobenzene	9.446	112	234336	4.110	ug/L	99
52) Ethylbenzene	9.568	91	338249	3.870	ug/L	99
53) m,p-Xylene	9.693	106	133673	3.937	ug/L	99
54) o-Xylene	10.099	106	133523	4.024	ug/L	99
55) Styrene	10.115	104	239359	4.315	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	93631	4.542	ug/L	98
59) Bromoform	10.288	173	46511	4.379	ug/L	99
60) Isopropylbenzene	10.484	105	335447	3.997	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	63564	4.276	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	84522	3.741	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	242959	3.730	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	179546	4.298	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	177589	4.240	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	174600	4.291	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	12979	4.240	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	121837	4.092	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	90948	3.978	ug/L	98
71) Naphthalene	14.086	128	147933	3.467	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	87386	3.786	ug/L	97

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

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