

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053701.D
 Acq On : 13 Apr 2023 23:28
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Apr 14 02:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	53394	5.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.906	69	41494	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	65	19257	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.623	46	88500	40.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.040%
24) Chloroform-d	5.057	84	82302	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.697	65	39837	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.722	84	164744	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.684	67	49451	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.893	98	155619	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.176	79	18696	4.187	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.629	63	82392	45.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	41165	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	55962	4.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	50873	5.115	ug/L	98
3) Chloromethane	1.517	50	53477	5.345	ug/L	99
5) Vinyl chloride	1.600	62	62323	5.524	ug/L #	77
6) Bromomethane	1.851	94	24231	3.391	ug/L	100
8) Chloroethane	1.928	64	38432	5.860	ug/L	97
9) Trichlorofluoromethane	2.134	101	86231	5.061	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	46196	5.350	ug/L	97
12) 1,1-Dichloroethene	2.575	96	66440	8.467	ug/L #	79
13) Acetone	2.626	43	55608	42.899	ug/L #	49
14) Carbon disulfide	2.787	76	122494	5.319	ug/L	99
15) Methyl Acetate	2.948	43	15764	5.184	ug/L	96
16) Methylene chloride	3.041	84	45565	4.421	ug/L	94
17) Methyl tert-butyl Ether	3.362	73	98235	5.164	ug/L	99
18) trans-1,2-Dichloroethene	3.346	96	41831	5.132	ug/L	91
19) 1,1-Dichloroethane	3.864	63	81037	5.397	ug/L	97
21) 2-Butanone	4.700	43	93510	46.458	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	47523	4.327	ug/L	97
23) Bromochloromethane	4.970	128	22067	5.677	ug/L	94
25) Chloroform	5.083	83	83896	5.432	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	50890	5.260	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	104412	7.849	ug/L	96
30) Cyclohexane	5.385	56	62813	4.432	ug/L	99
31) Carbon tetrachloride	5.520	117	61400	5.455	ug/L	99
33) Benzene	5.771	78	178081	4.933	ug/L	100
34) Trichloroethene	6.536	95	53552	5.570	ug/L	96
35) Methylcyclohexane	6.758	83	72853	4.416	ug/L	98
37) 1,2-Dichloropropane	6.783	63	44697	4.689	ug/L	100
38) Bromodichloromethane	7.102	83	56034	5.293	ug/L #	95
39) cis-1,3-Dichloropropene	7.603	75	65290	4.636	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	232847	49.916	ug/L	98
42) Toluene	7.967	91	195182	4.948	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	54191	4.729	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	36325	5.367	ug/L	94
47) Tetrachloroethene	8.549	164	40221	5.694	ug/L	93
48) 2-Hexanone	8.677	43	167703	48.620	ug/L	97
49) Dibromochloromethane	8.806	129	35944	5.370	ug/L	99
50) 1,2-Dibromoethane	8.918	107	34239	5.237	ug/L	98
51) Chlorobenzene	9.443	112	127283	5.116	ug/L	100
52) Ethylbenzene	9.568	91	208624	4.852	ug/L	97
53) m,p-Xylene	9.690	106	79682	4.861	ug/L	97
54) o-Xylene	10.098	106	77909	5.009	ug/L	99
55) Styrene	10.111	104	128026	5.013	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.777	83	43977	5.145	ug/L	95
59) Bromoform	10.285	173	19265	5.134	ug/L	99
60) Isopropylbenzene	10.481	105	208745	4.716	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	28867	4.781	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	170263	4.740	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	175030	4.758	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	101773	5.229	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	100741	5.155	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	96004	5.203	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.992	75	5697	4.866	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.217	180	71127	5.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	59713	5.528	ug/L	97
71) Naphthalene	14.082	128	111937	5.500	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	57904	6.141	ug/L	99

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

