

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052993.D
 Acq On : 06 Feb 2023 20:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Feb 07 01:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	149689	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	148253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52836	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.912	69	49177	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.565	65	26376	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.639	46	121689	34.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.220%
24) Chloroform-d	5.057	84	121256	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.697	65	58135	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.722	84	236632	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.687	67	68082	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.893	98	219273	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.173	79	24527	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.629	63	92630	37.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	58647	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.185	152	78330	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	66616	4.142	ug/L	99
3) Chloromethane	1.517	50	57220	2.930	ug/L	100
5) Vinyl chloride	1.604	62	68867	3.686	ug/L	96
6) Bromomethane	1.858	94	44967	4.636	ug/L	97
8) Chloroethane	1.935	64	45123	3.972	ug/L	96
9) Trichlorofluoromethane	2.137	101	117237	5.322	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	66581	5.138	ug/L	94
12) 1,1-Dichloroethene	2.578	96	62670	4.829	ug/L	85
13) Acetone	2.668	43	90846	36.024	ug/L	91
14) Carbon disulfide	2.790	76	164524	3.668	ug/L	99
15) Methyl Acetate	2.961	43	22883	3.785	ug/L	# 83
16) Methylene chloride	3.044	84	73964	4.283	ug/L	81
17) Methyl tert-butyl Ether	3.359	73	138757	4.831	ug/L	94
18) trans-1,2-Dichloroethene	3.350	96	65214	4.927	ug/L	84
19) 1,1-Dichloroethane	3.864	63	119993	4.366	ug/L	98
21) 2-Butanone	4.716	43	144368	35.563	ug/L	87
22) cis-1,2-Dichloroethene	4.661	96	70887	4.987	ug/L	88
23) Bromochloromethane	4.970	128	34109	5.669	ug/L	# 70
25) Chloroform	5.083	83	133993	4.959	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	78186	4.775	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	114896	4.940	ug/L	94
30) Cyclohexane	5.385	56	83148	3.553	ug/L	87
31) Carbon tetrachloride	5.520	117	99853	5.479	ug/L	100
33) Benzene	5.771	78	278148	4.740	ug/L	100
34) Trichloroethene	6.539	95	68049	4.903	ug/L	89
35) Methylcyclohexane	6.761	83	94331	4.116	ug/L	90
37) 1,2-Dichloropropane	6.784	63	69605	4.420	ug/L #	97
38) Bromodichloromethane	7.099	83	94102	5.075	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	88454	4.425	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	343304	38.118	ug/L #	87
42) Toluene	7.964	91	298976	5.115	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	79322	4.597	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	54474	5.500	ug/L	93
47) Tetrachloroethene	8.549	164	57189	5.592	ug/L	94
48) 2-Hexanone	8.681	43	259992	39.426	ug/L #	88
49) Dibromochloromethane	8.806	129	66177	5.779	ug/L	100
50) 1,2-Dibromoethane	8.918	107	49795	5.469	ug/L #	99
51) Chlorobenzene	9.443	112	192826	5.296	ug/L	92
52) Ethylbenzene	9.565	91	291457	4.895	ug/L	94
53) m,p-Xylene	9.690	106	121518	5.387	ug/L	95
54) o-Xylene	10.095	106	115294	5.346	ug/L	99
55) Styrene	10.108	104	204460	5.558	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	65417	5.056	ug/L #	92
59) Bromoform	10.285	173	37433	5.781	ug/L	99
60) Isopropylbenzene	10.478	105	302378	5.123	ug/L	96
61) 1,2,3-Trichloropropane	10.819	75	45069	4.657	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.082	105	236605	5.026	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	238503	5.029	ug/L	98
64) 1,3-Dichlorobenzene	11.738	146	154062	5.487	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	153339	5.354	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	145063	5.491	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	10345	4.635	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.214	180	107557	5.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	83346	4.983	ug/L	97
71) Naphthalene	14.079	128	125070	4.307	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	80290	5.240	ug/L	99

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

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