

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051313.D
 Acq On : 09 Oct 2022 20:34
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Oct 10 01:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	237252	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69432	3.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.909	69	68701	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.565	65	28293	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.620	46	215741	51.202	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.060	84	167915	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.700	65	84860	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.726	84	317551	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	110142	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.896	98	289193	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.179	79	38373	5.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.629	63	146442	57.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.580%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90600	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	104853	4.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	80902	4.180	ug/L	99
3) Chloromethane	1.520	50	109745	4.038	ug/L	99
5) Vinyl chloride	1.601	62	111472	4.182	ug/L	98
6) Bromomethane	1.855	94	55037	3.792	ug/L	98
8) Chloroethane	1.932	64	71474	4.205	ug/L	98
9) Trichlorofluoromethane	2.138	101	129069	4.201	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	73362	3.978	ug/L	100
12) 1,1-Dichloroethene	2.578	96	72500	4.190	ug/L	92
13) Acetone	2.623	43	132154	41.818	ug/L	99
14) Carbon disulfide	2.790	76	214935	4.056	ug/L	100
15) Methyl Acetate	2.951	43	34373	4.474	ug/L	99
16) Methylene chloride	3.041	84	103503	4.051	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	181795	4.587	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	79687	4.378	ug/L	97
19) 1,1-Dichloroethane	3.867	63	169169	4.504	ug/L	99
21) 2-Butanone	4.700	43	216423	43.454	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	93855	4.655	ug/L	95
23) Bromochloromethane	4.973	128	42167	4.383	ug/L	96
25) Chloroform	5.086	83	171765	4.378	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107830	4.588	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	132359	4.510	ug/L	98
30) Cyclohexane	5.388	56	102953	4.136	ug/L	99
31) Carbon tetrachloride	5.523	117	107926	4.346	ug/L	95
33) Benzene	5.774	78	380230	4.650	ug/L	100
34) Trichloroethene	6.542	95	88578	4.342	ug/L	99
35) Methylcyclohexane	6.761	83	107064	4.160	ug/L	98
37) 1,2-Dichloropropane	6.790	63	101268	4.518	ug/L	98
38) Bromodichloromethane	7.105	83	120808	4.519	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	122378	4.543	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	529978	45.073	ug/L	100
42) Toluene	7.967	91	415857	4.791	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	107821	4.629	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	69259	4.401	ug/L	97
47) Tetrachloroethene	8.552	164	63637	4.243	ug/L	98
48) 2-Hexanone	8.681	43	408167	46.621	ug/L	98
49) Dibromochloromethane	8.809	129	76544	4.332	ug/L	98
50) 1,2-Dibromoethane	8.922	107	63942	4.565	ug/L	99
51) Chlorobenzene	9.446	112	248463	4.791	ug/L	99
52) Ethylbenzene	9.568	91	376427	4.826	ug/L	98
53) m,p-Xylene	9.690	106	149170	4.931	ug/L	100
54) o-Xylene	10.099	106	139830	4.885	ug/L	100
55) Styrene	10.111	104	247248	5.018	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	87641	4.499	ug/L	100
59) Bromoform	10.288	173	41825	3.887	ug/L	98
60) Isopropylbenzene	10.481	105	355063	4.334	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	62397	3.821	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	88206	4.059	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	263140	4.282	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	177056	4.370	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	176931	4.430	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	170577	4.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	12727	4.074	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	125705	4.501	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	93381	4.704	ug/L	99
71) Naphthalene	14.086	128	154440	4.186	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	92286	4.494	ug/L	100

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

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