

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052762.D
 Acq On : 20 Jan 2023 15:24
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jan 21 01:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47409	3.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.913	69	41593	4.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.565	65	23270	4.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.642	46	135909	41.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	5.060	84	107555	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.700	65	54859	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.723	84	209936	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.687	67	63044	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.896	98	192263	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.176	79	25354	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.632	63	106366	47.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51337	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	67011	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67032	4.476	ug/L	100
3) Chloromethane	1.517	50	60345	3.318	ug/L	99
5) Vinyl chloride	1.604	62	64499	3.706	ug/L	99
6) Bromomethane	1.858	94	40499	4.483	ug/L	97
8) Chloroethane	1.935	64	40613	3.839	ug/L	98
9) Trichlorofluoromethane	2.138	101	96326	4.695	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	57216	4.741	ug/L	95
12) 1,1-Dichloroethene	2.578	96	53744	4.446	ug/L	92
13) Acetone	2.662	43	102787	43.764	ug/L	100
14) Carbon disulfide	2.790	76	170315	4.077	ug/L	97
15) Methyl Acetate	2.957	43	22043	3.915	ug/L #	88
16) Methylene chloride	3.044	84	67979	4.226	ug/L	89
17) Methyl tert-butyl Ether	3.363	73	131109	4.902	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	59431	4.821	ug/L	91
19) 1,1-Dichloroethane	3.864	63	106646	4.166	ug/L	98
21) 2-Butanone	4.719	43	157308	41.607	ug/L	94
22) cis-1,2-Dichloroethene	4.662	96	63310	4.783	ug/L	96
23) Bromochloromethane	4.970	128	28477	5.082	ug/L #	75
25) Chloroform	5.083	83	114243	4.540	ug/L	100

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 VSTD005130

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	70406	4.617	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	99210	4.755	ug/L	96
30) Cyclohexane	5.385	56	94001	4.478	ug/L	92
31) Carbon tetrachloride	5.520	117	81743	5.000	ug/L	98
33) Benzene	5.771	78	247136	4.695	ug/L	100
34) Trichloroethene	6.539	95	60614	4.868	ug/L	92
35) Methylcyclohexane	6.761	83	100008	4.864	ug/L	93
37) 1,2-Dichloropropane	6.787	63	61805	4.375	ug/L	99
38) Bromodichloromethane	7.102	83	80317	4.829	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	87975	4.906	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	353673	43.778	ug/L #	94
42) Toluene	7.967	91	258749	4.935	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	73884	4.773	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	43546	4.901	ug/L	94
47) Tetrachloroethene	8.549	164	50554	5.511	ug/L	97
48) 2-Hexanone	8.684	43	268647	45.416	ug/L #	95
49) Dibromochloromethane	8.806	129	52482	5.109	ug/L	97
50) 1,2-Dibromoethane	8.922	107	40777	4.992	ug/L #	97
51) Chlorobenzene	9.443	112	165769	5.075	ug/L	97
52) Ethylbenzene	9.568	91	272984	5.111	ug/L	97
53) m,p-Xylene	9.690	106	109854	5.430	ug/L	97
54) o-Xylene	10.099	106	105019	5.429	ug/L	99
55) Styrene	10.112	104	178289	5.403	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	53867	4.641	ug/L	99
59) Bromoform	10.288	173	29821	5.185	ug/L	97
60) Isopropylbenzene	10.481	105	277829	5.300	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	37946	4.415	ug/L	91
62) 1,3,5-Trimethylbenzene	11.086	105	228673	5.469	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	226207	5.370	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	129220	5.182	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	126186	4.960	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	119869	5.108	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	8439	4.257	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.214	180	95464	5.154	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	73957	4.978	ug/L	98
71) Naphthalene	14.082	128	119541	4.635	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	68395	5.025	ug/L	99

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

