

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053901.D
 Acq On : 26 Apr 2023 09:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005162

Quant Time: Apr 27 05:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38172	4.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.916	69	34085	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	65	16363	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.642	46	79437	50.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.680%
24) Chloroform-d	5.060	84	82017	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.700	65	36120	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.726	84	156600	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.687	67	47346	5.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.893	98	145029	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.176	79	17333	4.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.632	63	68517	53.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37139	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	51744	4.729	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52489	5.052	ug/L	98
3) Chloromethane	1.520	50	53554	5.308	ug/L	100
5) Vinyl chloride	1.604	62	61216	5.259	ug/L	99
6) Bromomethane	1.861	94	40662	5.367	ug/L	96
8) Chloroethane	1.938	64	38514	5.300	ug/L	99
9) Trichlorofluoromethane	2.141	101	89839	5.227	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	50992	5.105	ug/L	99
12) 1,1-Dichloroethene	2.578	96	48089	5.459	ug/L	94
13) Acetone	2.662	43	52666	41.566	ug/L	68
14) Carbon disulfide	2.793	76	122452	5.073	ug/L	100
15) Methyl Acetate	2.961	43	13532	4.949	ug/L	# 70
16) Methylene chloride	3.044	84	52635	4.378	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	101930	5.341	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	47332	5.317	ug/L	97
19) 1,1-Dichloroethane	3.864	63	88956	5.522	ug/L	98
21) 2-Butanone	4.719	43	92353	52.656	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	53746	5.352	ug/L	96
23) Bromochloromethane	4.970	128	24042	5.380	ug/L	97
25) Chloroform	5.086	83	94906	5.425	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	54638	5.448	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	81503	5.607	ug/L	98
30) Cyclohexane	5.385	56	68772	5.266	ug/L	99
31) Carbon tetrachloride	5.520	117	69374	5.490	ug/L	97
33) Benzene	5.771	78	204693	5.616	ug/L	100
34) Trichloroethene	6.539	95	56186	5.657	ug/L	98
35) Methylcyclohexane	6.758	83	78585	5.122	ug/L	100
37) 1,2-Dichloropropane	6.787	63	53612	5.928	ug/L	99
38) Bromodichloromethane	7.102	83	62835	5.559	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	70168	5.146	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	222311	54.498	ug/L	99
42) Toluene	7.964	91	219919	5.690	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	58374	5.293	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	38216	5.638	ug/L	98
47) Tetrachloroethene	8.549	164	42723	5.427	ug/L	97
48) 2-Hexanone	8.681	43	158662	51.172	ug/L	99
49) Dibromochloromethane	8.806	129	39279	5.473	ug/L	99
50) 1,2-Dibromoethane	8.922	107	35673	5.689	ug/L	98
51) Chlorobenzene	9.443	112	141068	5.376	ug/L	98
52) Ethylbenzene	9.565	91	230988	5.442	ug/L	97
53) m,p-Xylene	9.690	106	90147	5.543	ug/L	99
54) o-Xylene	10.095	106	87847	5.598	ug/L	98
55) Styrene	10.111	104	141319	5.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	41337	5.115	ug/L	94
59) Bromoform	10.288	173	20549	5.298	ug/L	94
60) Isopropylbenzene	10.481	105	231106	5.634	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	29253	5.561	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	182952	5.487	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	188033	5.573	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	109361	5.335	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	109427	5.283	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	102221	5.400	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	5456	5.033	ug/L	93
69) 1,3,5-Trichlorobenzene	13.214	180	77409	5.274	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	61681	4.616	ug/L	99
71) Naphthalene	14.082	128	98624	4.176	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	55156	4.626	ug/L	97

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

