

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053126.D
 Acq On : 18 Feb 2023 11:17
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Feb 19 23:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	149905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	133106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	66422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22530	3.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.913	69	29172	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	11906	3.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.649	46	117994	53.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.300%
24) Chloroform-d	5.058	84	80954	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.698	65	42985	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.723	84	136591	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.688	67	52552	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	110640	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	17876	4.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.640	63	102806	54.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	49102	5.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	54108	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	52607	4.780	ug/L	98
3) Chloromethane	1.518	50	55791	4.865	ug/L	100
5) Vinyl chloride	1.605	62	60731	4.807	ug/L	99
6) Bromomethane	1.859	94	31133	3.963	ug/L	97
8) Chloroethane	1.936	64	35322	4.748	ug/L	99
9) Trichlorofluoromethane	2.138	101	83590	4.803	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48376	5.049	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46859	5.284	ug/L	96
13) Acetone	2.669	43	66483m	42.110	ug/L	
14) Carbon disulfide	2.788	76	136820	5.109	ug/L	99
15) Methyl Acetate	2.958	43	17838	4.628	ug/L #	85
16) Methylene chloride	3.042	84	52550	5.122	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	120283	4.995	ug/L	99
18) trans-1,2-Dichloroethene	3.347	96	45720	4.872	ug/L	98
19) 1,1-Dichloroethane	3.865	63	89748	5.078	ug/L	100
21) 2-Butanone	4.727	43	103849	44.526	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	52133	4.923	ug/L	96
23) Bromochloromethane	4.971	128	21762	5.189	ug/L	98
25) Chloroform	5.083	83	92332	4.998	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	55441	4.882	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	80329	5.052	ug/L	97
30) Cyclohexane	5.383	56	82065	5.161	ug/L	99
31) Carbon tetrachloride	5.521	117	67838	5.111	ug/L	100
33) Benzene	5.768	78	196491	5.123	ug/L	100
34) Trichloroethene	6.537	95	53016	4.912	ug/L	98
35) Methylcyclohexane	6.759	83	86603	4.956	ug/L	98
37) 1,2-Dichloropropane	6.788	63	53050	5.079	ug/L	100
38) Bromodichloromethane	7.103	83	66404	4.903	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	78832	4.732	ug/L	97
40) 4-Methyl-2-pentanone	7.794	43	275212	50.478	ug/L	100
42) Toluene	7.964	91	212862	5.109	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	65063	4.735	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	36538	4.856	ug/L	95
47) Tetrachloroethene	8.550	164	35589	5.073	ug/L	97
48) 2-Hexanone	8.691	43	191635	47.891	ug/L	98
49) Dibromochloromethane	8.807	129	41678	5.080	ug/L	100
50) 1,2-Dibromoethane	8.923	107	35149	5.063	ug/L	96
51) Chlorobenzene	9.443	112	131007	5.040	ug/L	100
52) Ethylbenzene	9.566	91	239728	5.070	ug/L	99
53) m,p-Xylene	9.691	106	90211	5.102	ug/L	94
54) o-Xylene	10.096	106	87771	5.121	ug/L	97
55) Styrene	10.112	104	144824	5.209	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.781	83	48035	5.045	ug/L	99
59) Bromoform	10.289	173	23451	4.857	ug/L	98
60) Isopropylbenzene	10.479	105	240805	5.011	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	32047	5.025	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	201244	4.959	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	207066	5.098	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	99680	5.122	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	99032	5.079	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	94700	5.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	7296	4.867	ug/L	92
69) 1,3,5-Trichlorobenzene	13.215	180	68597	4.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	56664	4.924	ug/L	98
71) Naphthalene	14.083	128	114840	4.976	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	48921	4.817	ug/L	99

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

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