

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053034.D
 Acq On : 10 Feb 2023 13:21
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:26:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	130367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	115000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30841	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.913	69	29406	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	13754	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.646	46	98783	51.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.058	84	71570	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.697	65	36261	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.723	84	130723	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.688	67	44542	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	115078	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.176	79	18928	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.630	63	85813	53.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.100%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	39893	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	43736	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45973	4.803	ug/L	100
3) Chloromethane	1.518	50	47796	4.793	ug/L	99
5) Vinyl chloride	1.601	62	53378	4.858	ug/L	98
6) Bromomethane	1.855	94	32859	4.809	ug/L	99
8) Chloroethane	1.932	64	31968	4.941	ug/L	98
9) Trichlorofluoromethane	2.138	101	75028	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	40702	4.885	ug/L	99
12) 1,1-Dichloroethene	2.579	96	37968	4.923	ug/L	96
13) Acetone	2.665	43	60023m	43.716	ug/L	
14) Carbon disulfide	2.791	76	115574	4.963	ug/L	98
15) Methyl Acetate	2.961	43	17148m	5.115	ug/L	
16) Methylene chloride	3.042	84	43859	4.915	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	101973	4.869	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	38314	4.695	ug/L	98
19) 1,1-Dichloroethane	3.865	63	76040	4.947	ug/L	98
21) 2-Butanone	4.726	43	92492	45.600	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	44734	4.857	ug/L	98
23) Bromochloromethane	4.971	128	18668	5.118	ug/L	99
25) Chloroform	5.083	83	76995	4.792	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	49087	4.970	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	67581	4.919	ug/L	99
30) Cyclohexane	5.382	56	66757	4.860	ug/L	97
31) Carbon tetrachloride	5.521	117	57562	5.020	ug/L	99
33) Benzene	5.771	78	165223	4.986	ug/L	100
34) Trichloroethene	6.537	95	45038	4.830	ug/L	98
35) Methylcyclohexane	6.759	83	75166	4.979	ug/L	97
37) 1,2-Dichloropropane	6.787	63	44877	4.973	ug/L	100
38) Bromodichloromethane	7.103	83	57003	4.872	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	72538	5.040	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	237280	50.373	ug/L	99
42) Toluene	7.964	91	178854	4.969	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	59087	4.977	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	31907	4.908	ug/L	95
47) Tetrachloroethene	8.549	164	29824	4.921	ug/L	98
48) 2-Hexanone	8.681	43	174898	50.590	ug/L	99
49) Dibromochloromethane	8.807	129	36485	5.147	ug/L	100
50) 1,2-Dibromoethane	8.919	107	29859	4.978	ug/L #	91
51) Chlorobenzene	9.443	112	112331	5.002	ug/L	99
52) Ethylbenzene	9.566	91	203722	4.987	ug/L	100
53) m,p-Xylene	9.691	106	75757	4.960	ug/L	100
54) o-Xylene	10.096	106	74412	5.025	ug/L	98
55) Styrene	10.109	104	122196	5.087	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	41538	5.050	ug/L	99
59) Bromoform	10.286	173	20421	5.015	ug/L	98
60) Isopropylbenzene	10.479	105	202114	4.987	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	27759	5.161	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	170628	4.985	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	172431	5.034	ug/L	100
64) 1,3-Dichlorobenzene	11.739	146	82742	5.041	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	80648	4.904	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	76532	5.001	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6564	5.192	ug/L	92
69) 1,3,5-Trichlorobenzene	13.215	180	59604	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	50167	5.169	ug/L	99
71) Naphthalene	14.083	128	101676	5.224	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	45107	5.266	ug/L	98

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

