

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040424\
 Data File : U058380.D
 Acq On : 04 Apr 2024 20:25
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV055

Quant Time: Apr 04 23:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28855	5.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.800%	
7) Chloroethane-d5	1.907	69	25080	5.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	2.560	65	13026	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.400%	
20) 2-Butanone-d5	4.631	46	62406	53.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 107.480%	
24) Chloroform-d	5.055	84	58640	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.600%	
26) 1,2-Dichloroethane-d4	5.692	65	27356	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.600%	
32) Benzene-d6	5.718	84	114673	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
36) 1,2-Dichloropropane-d6	6.682	67	35916	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.600%	
41) Toluene-d8	7.891	98	104190	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
43) trans-1,3-Dichloroprop...	8.174	79	11094	5.354	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.000%	
46) 2-Hexanone-d5	8.627	63	45750	53.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 107.080%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	23440	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31535	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	34910	5.032	ug/L	100
3) Chloromethane	1.515	50	41351	4.871	ug/L	97
5) Vinyl chloride	1.599	62	43115	5.085	ug/L	100
6) Bromomethane	1.853	94	20517	5.115	ug/L	99
8) Chloroethane	1.930	64	26529	4.953	ug/L	100
9) Trichlorofluoromethane	2.133	101	56944	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	33455	5.029	ug/L	97
12) 1,1-Dichloroethene	2.573	96	30387	5.152	ug/L	99
13) Acetone	2.644	43	46103	46.519	ug/L	99
14) Carbon disulfide	2.788	76	92889	4.958	ug/L	100
15) Methyl Acetate	2.956	43	12724	5.441	ug/L	99
16) Methylene chloride	3.036	84	43444	5.550	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	71089	5.103	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	32438	5.248	ug/L	99
19) 1,1-Dichloroethane	3.859	63	68922	5.108	ug/L	100
21) 2-Butanone	4.708	43	71799	48.470	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	35871	5.167	ug/L	100
23) Bromochloromethane	4.965	128	14422	5.273	ug/L	95
25) Chloroform	5.078	83	67228	5.148	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40990	5.155	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	54182	5.112	ug/L	99
30) Cyclohexane	5.380	56	56432	5.041	ug/L	98
31) Carbon tetrachloride	5.515	117	46949	5.230	ug/L	100
33) Benzene	5.766	78	148382	5.178	ug/L	100
34) Trichloroethene	6.534	95	37208	5.151	ug/L	98
35) Methylcyclohexane	6.756	83	55495	5.099	ug/L	99
37) 1,2-Dichloropropane	6.782	63	39666	5.261	ug/L	99
38) Bromodichloromethane	7.097	83	44026	5.116	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	48671	5.077	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	183387	51.674	ug/L	99
42) Toluene	7.962	91	154754	5.148	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	39134	5.176	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	23498	5.336	ug/L	97
47) Tetrachloroethene	8.547	164	26837	5.068	ug/L	97
48) 2-Hexanone	8.679	43	130977	51.987	ug/L	98
49) Dibromochloromethane	8.801	129	26373	5.180	ug/L	92
50) 1,2-Dibromoethane	8.917	107	20705	5.141	ug/L	98
51) Chlorobenzene	9.441	112	93260	5.128	ug/L	99
52) Ethylbenzene	9.563	91	164844	5.176	ug/L	98
53) m,p-Xylene	9.685	106	60111	5.271	ug/L	100
54) o-Xylene	10.094	106	59546	5.326	ug/L	96
55) Styrene	10.106	104	95448	5.307	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	27666	5.093	ug/L	100
59) Bromoform	10.283	173	13442	4.976	ug/L	98
60) Isopropylbenzene	10.476	105	149585	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21020	5.095	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	120340	4.985	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	123167	4.997	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	70315	4.890	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	67429	4.813	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	63169	4.830	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3591	5.133	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	50009	4.703	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	36128	4.406	ug/L	99
71) Naphthalene	14.084	128	43853	3.903	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	29823	4.405	ug/L	98

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

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