

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057970.D
 Acq On : 29 Feb 2024 12:15
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV040

Quant Time: Mar 01 05:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55588	4.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.907	69	45757	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	24260	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.612	46	101596	54.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	5.052	84	104626	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	48603	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	211145	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.685	67	64894	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	195522	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	22913	5.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	82556	55.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41066	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	62663	5.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48800	5.161	ug/L	99
3) Chloromethane	1.515	50	55122	4.986	ug/L	99
5) Vinyl chloride	1.599	62	59984	5.044	ug/L	96
6) Bromomethane	1.853	94	32685	5.218	ug/L	100
8) Chloroethane	1.927	64	37595	5.020	ug/L	95
9) Trichlorofluoromethane	2.132	101	84443	4.984	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53559	5.056	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47527	5.048	ug/L	98
13) Acetone	2.615	43	77806	56.514	ug/L	99
14) Carbon disulfide	2.788	76	147069	5.051	ug/L	100
15) Methyl Acetate	2.943	43	17359	5.682	ug/L	95
16) Methylene chloride	3.036	84	56362	4.925	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	115050	5.167	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	51447	5.016	ug/L	97
19) 1,1-Dichloroethane	3.859	63	103864	5.077	ug/L	99
21) 2-Butanone	4.692	43	115519	53.250	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	57413	5.089	ug/L	98
23) Bromochloromethane	4.968	128	21667	5.172	ug/L	96
25) Chloroform	5.078	83	104882	5.021	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	60440	5.227	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	88012	5.063	ug/L	99
30) Cyclohexane	5.380	56	88630	5.049	ug/L	100
31) Carbon tetrachloride	5.518	117	77240	5.113	ug/L	99
33) Benzene	5.766	78	228022	5.087	ug/L	100
34) Trichloroethene	6.537	95	60864	5.161	ug/L	96
35) Methylcyclohexane	6.756	83	94495	5.227	ug/L	99
37) 1,2-Dichloropropane	6.785	63	59819	5.176	ug/L	99
38) Bromodichloromethane	7.097	83	70254	5.010	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	82871	5.204	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	294620	55.413	ug/L	99
42) Toluene	7.965	91	239022	5.121	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	66241	5.220	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	34521	5.037	ug/L	98
47) Tetrachloroethene	8.550	164	40538	4.955	ug/L	97
48) 2-Hexanone	8.676	43	229154	58.771	ug/L	97
49) Dibromochloromethane	8.804	129	42361	5.222	ug/L	99
50) 1,2-Dibromoethane	8.920	107	32853	5.402	ug/L	94
51) Chlorobenzene	9.441	112	151056	5.160	ug/L	97
52) Ethylbenzene	9.566	91	268863	5.147	ug/L	100
53) m,p-Xylene	9.688	106	97971	5.250	ug/L	97
54) o-Xylene	10.097	106	95832	5.152	ug/L	98
55) Styrene	10.110	104	157803	5.405	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42490	5.263	ug/L	97
59) Bromoform	10.287	173	21825	5.338	ug/L	100
60) Isopropylbenzene	10.479	105	252891	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	31136	5.185	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	215624	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	218325	5.372	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	116787	5.263	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	114799	5.285	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	103857	5.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6850	5.750	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	86436	5.415	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	72943	6.082	ug/L	98
71) Naphthalene	14.084	128	110306	6.735	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	59895	6.322	ug/L	98

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

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