

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031824\
 Data File : VU058141.D
 Acq On : 18 Mar 2024 10:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Mar 19 01:37:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128384	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48536	5.254	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.000%		
7) Chloroethane-d5	1.904	69	44063	5.804	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.000%		
11) 1,1-Dichloroethene-d2	2.557	65	21344	5.340	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.800%		
20) 2-Butanone-d5	4.621	46	87477	57.477	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.960%		
24) Chloroform-d	5.052	84	96948	5.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.000%		
26) 1,2-Dichloroethane-d4	5.692	65	44166	5.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.600%		
32) Benzene-d6	5.717	84	190171	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
36) 1,2-Dichloropropane-d6	6.682	67	58563	5.438	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.891	98	171329	5.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
43) trans-1,3-Dichloroprop...	8.174	79	18289	4.938	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.627	63	72314	58.156	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.320%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36277	5.493	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	48454	5.377	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	38132	4.902	ug/L	99
3) Chloromethane	1.512	50	46396	5.101	ug/L	97
5) Vinyl chloride	1.595	62	50383	5.150	ug/L	98
6) Bromomethane	1.849	94	26598	5.161	ug/L	95
8) Chloroethane	1.923	64	34847	5.656	ug/L	93
9) Trichlorofluoromethane	2.129	101	75978	5.451	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	49242	5.651	ug/L	97
12) 1,1-Dichloroethene	2.570	96	41504	5.358	ug/L	98
13) Acetone	2.631	43	63896	56.414	ug/L	97
14) Carbon disulfide	2.785	76	110556	4.616	ug/L	100
15) Methyl Acetate	2.946	43	15123	6.017	ug/L	92
16) Methylene chloride	3.033	84	48636	5.166	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	99882	5.452	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	43491	5.154	ug/L	97
19) 1,1-Dichloroethane	3.856	63	96023	5.705	ug/L	100
21) 2-Butanone	4.701	43	97816	54.808	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	51270	5.524	ug/L	98
23) Bromochloromethane	4.965	128	20260	5.878	ug/L	97
25) Chloroform	5.074	83	98618	5.739	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53678	5.642	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	79857	5.519	ug/L	99
30) Cyclohexane	5.377	56	71701	4.907	ug/L	99
31) Carbon tetrachloride	5.515	117	69316	5.513	ug/L	100
33) Benzene	5.766	78	206682	5.541	ug/L	100
34) Trichloroethene	6.534	95	53050	5.405	ug/L	97
35) Methylcyclohexane	6.756	83	73181	4.864	ug/L	97
37) 1,2-Dichloropropane	6.782	63	55086	5.727	ug/L	99
38) Bromodichloromethane	7.097	83	66259	5.677	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	70528	5.322	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	249312	56.341	ug/L	99
42) Toluene	7.962	91	211828	5.453	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	55293	5.235	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	31793	5.574	ug/L	98
47) Tetrachloroethene	8.547	164	36307	5.332	ug/L	95
48) 2-Hexanone	8.679	43	175137	53.969	ug/L	98
49) Dibromochloromethane	8.804	129	37583	5.567	ug/L	98
50) 1,2-Dibromoethane	8.917	107	28134	5.558	ug/L	97
51) Chlorobenzene	9.441	112	131451	5.396	ug/L	97
52) Ethylbenzene	9.563	91	230817	5.309	ug/L	99
53) m,p-Xylene	9.688	106	82840	5.334	ug/L	99
54) o-Xylene	10.093	106	82100	5.303	ug/L	98
55) Styrene	10.110	104	130827	5.384	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	37195	5.536	ug/L	95
59) Bromoform	10.286	173	18442	6.044	ug/L	100
60) Isopropylbenzene	10.476	105	211114	5.794	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	27690	6.178	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	175988	5.726	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	173294	5.713	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	93022	5.616	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	88740	5.474	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	83533	5.777	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	5306	5.967	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	63024	5.290	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	44046	4.920	ug/L	97
71) Naphthalene	14.084	128	55204	4.516	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	35337	4.997	ug/L	98

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

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