

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031524\
 Data File : VU058139.D
 Acq On : 15 Mar 2024 19:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Mar 15 23:32:51 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	126015	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45726	5.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.800%	
7) Chloroethane-d5	1.904	69	40627	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.000%	
11) 1,1-Dichloroethene-d2	2.557	65	20274	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.400%	
20) 2-Butanone-d5	4.608	46	83537	55.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 111.840%	
24) Chloroform-d	5.052	84	92188	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
26) 1,2-Dichloroethane-d4	5.692	65	42065	5.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.200%	
32) Benzene-d6	5.717	84	184246	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.200%	
36) 1,2-Dichloropropane-d6	6.682	67	56710	5.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 103.600%	
41) Toluene-d8	7.891	98	165636	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 101.400%	
43) trans-1,3-Dichloroprop...	8.174	79	16647	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 88.400%	
46) 2-Hexanone-d5	8.624	63	70505	55.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 111.520%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35438	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 105.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	52408	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	36145	4.734	ug/L	98
3) Chloromethane	1.515	50	44998	5.040	ug/L	100
5) Vinyl chloride	1.599	62	49912	5.197	ug/L	99
6) Bromomethane	1.849	94	26371	5.214	ug/L	98
8) Chloroethane	1.923	64	32868	5.435	ug/L	97
9) Trichlorofluoromethane	2.129	101	74460	5.443	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46591	5.447	ug/L	99
12) 1,1-Dichloroethene	2.570	96	41233	5.423	ug/L	97
13) Acetone	2.611	43	56569	50.884	ug/L	98
14) Carbon disulfide	2.785	76	108743	4.625	ug/L	100
15) Methyl Acetate	2.943	43	16225	6.576	ug/L	98
16) Methylene chloride	3.033	84	49781	5.387	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	99431	5.530	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	44881	5.419	ug/L	97
19) 1,1-Dichloroethane	3.856	63	98701	5.974	ug/L	99
21) 2-Butanone	4.689	43	96801	55.259	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	51374	5.639	ug/L	98
23) Bromochloromethane	4.965	128	20057	5.929	ug/L	95
25) Chloroform	5.078	83	99752	5.914	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53824	5.764	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	81213	5.520	ug/L	100
30) Cyclohexane	5.377	56	70341	4.735	ug/L	99
31) Carbon tetrachloride	5.515	117	69005	5.397	ug/L	99
33) Benzene	5.766	78	208520	5.497	ug/L	100
34) Trichloroethene	6.534	95	54618	5.472	ug/L	98
35) Methylcyclohexane	6.756	83	72019	4.707	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54293	5.551	ug/L	99
38) Bromodichloromethane	7.097	83	66171	5.576	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	68603	5.091	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	251637	55.923	ug/L	99
42) Toluene	7.962	91	216749	5.487	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	54819	5.104	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	32799	5.655	ug/L	99
47) Tetrachloroethene	8.547	164	36315	5.244	ug/L	98
48) 2-Hexanone	8.676	43	175411	53.157	ug/L	99
49) Dibromochloromethane	8.801	129	37812	5.508	ug/L	98
50) 1,2-Dibromoethane	8.917	107	29891	5.807	ug/L	92
51) Chlorobenzene	9.441	112	135812	5.482	ug/L	97
52) Ethylbenzene	9.563	91	238353	5.392	ug/L	99
53) m,p-Xylene	9.688	106	86436	5.473	ug/L	98
54) o-Xylene	10.094	106	84576	5.373	ug/L	99
55) Styrene	10.110	104	137606	5.570	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	39056	5.716	ug/L	96
59) Bromoform	10.283	173	19048	5.639	ug/L	98
60) Isopropylbenzene	10.479	105	219298	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	28415	5.727	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	182934	5.377	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	182365	5.431	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	98693	5.383	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	96490	5.376	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	89209	5.573	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5361	5.446	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	68927	5.226	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	50720	5.118	ug/L	97
71) Naphthalene	14.084	128	60997	4.507	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	39650	5.065	ug/L	98

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

