

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060514.D
 Acq On : 23 Aug 2024 16:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Aug 24 01:40:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:34:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	101955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19628	4.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.908	69	32268	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.554	65	11498	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.634	46	81578	51.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.055	84	65206	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	34265	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	116664	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.682	67	37319	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.891	98	109911	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.177	79	14173	5.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.200%
46) 2-Hexanone-d5	8.631	63	63610	51.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32883	5.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	40524	5.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55080	4.685	ug/L	99
3) Chloromethane	1.518	50	43203	4.241	ug/L	96
5) Vinyl chloride	1.599	62	42091	4.197	ug/L	97
6) Bromomethane	1.853	94	44515	4.410	ug/L	98
8) Chloroethane	1.930	64	42517	4.646	ug/L	99
9) Trichlorofluoromethane	2.129	101	103957	4.768	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37029	4.014	ug/L	99
12) 1,1-Dichloroethene	2.570	96	33525	3.948	ug/L	90
13) Acetone	2.650	43	54779	41.605	ug/L	97
14) Carbon disulfide	2.782	76	113046	4.103	ug/L	99
15) Methyl Acetate	2.959	43	14853	5.517	ug/L #	85
16) Methylene chloride	3.036	84	38452	4.662	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	84230	4.888	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	34525	4.671	ug/L	91
19) 1,1-Dichloroethane	3.859	63	70881	4.732	ug/L	93
21) 2-Butanone	4.714	43	88935	49.393	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	39707	4.821	ug/L	93
23) Bromochloromethane	4.968	128	17914	4.786	ug/L	96
25) Chloroform	5.078	83	74990	4.730	ug/L	96

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 ClientSampleId :
 VSTD005176

Quant Time: Aug 24 01:40:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	47487	4.463	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	66037	4.729	ug/L	95
30) Cyclohexane	5.380	56	57991	5.016	ug/L	99
31) Carbon tetrachloride	5.515	117	60616	4.697	ug/L	99
33) Benzene	5.766	78	154644	4.782	ug/L	100
34) Trichloroethene	6.534	95	41906	4.781	ug/L	94
35) Methylcyclohexane	6.756	83	60110	4.998	ug/L	97
37) 1,2-Dichloropropane	6.785	63	41531	5.012	ug/L #	98
38) Bromodichloromethane	7.097	83	52212	4.796	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	58549	4.819	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	217452	50.391	ug/L	98
42) Toluene	7.962	91	167645	4.906	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	49681	4.981	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	28596	4.764	ug/L	95
47) Tetrachloroethene	8.547	164	33116	4.609	ug/L	95
48) 2-Hexanone	8.682	43	163165	50.523	ug/L	99
49) Dibromochloromethane	8.804	129	34853	5.016	ug/L	96
50) 1,2-Dibromoethane	8.920	107	27233	4.942	ug/L #	95
51) Chlorobenzene	9.441	112	103979	4.700	ug/L	98
52) Ethylbenzene	9.563	91	175047	4.834	ug/L	99
53) m,p-Xylene	9.689	106	69088	5.132	ug/L	99
54) o-Xylene	10.094	106	65374	4.743	ug/L	100
55) Styrene	10.110	104	109871	4.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	35829	4.675	ug/L	99
59) Bromoform	10.287	173	21179	4.890	ug/L	96
60) Isopropylbenzene	10.476	105	171859	4.881	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	26227	5.159	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	136322	5.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	138861	5.187	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84324	4.894	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	85841	4.909	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	77591	4.799	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5671	4.942	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	62339	4.692	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	48351	4.510	ug/L	99
71) Naphthalene	14.084	128	67177	4.905	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41631	4.640	ug/L	97

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

