

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
 Data File : VU060552.D
 Acq On : 26 Aug 2024 16:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Aug 27 05:51:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 27 05:49:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	80592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	114962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	11606	3.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.907	69	20444	3.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	7702	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.627	46	61456	50.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.420%
24) Chloroform-d	5.058	84	49435	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	27129	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	83049	3.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.685	67	27869	3.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.891	98	78929	3.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.174	79	10552	3.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.627	63	64429	46.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	24444	3.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	31314	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45996	5.029	ug/L	99
3) Chloromethane	1.518	50	33181	4.187	ug/L	99
5) Vinyl chloride	1.599	62	32110	4.115	ug/L	99
6) Bromomethane	1.853	94	30656	3.904	ug/L	95
8) Chloroethane	1.930	64	31672	4.449	ug/L	98
9) Trichlorofluoromethane	2.132	101	79449	4.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	31612	4.405	ug/L	96
12) 1,1-Dichloroethene	2.573	96	27618	4.181	ug/L	90
13) Acetone	2.644	43	44217	43.170	ug/L	99
14) Carbon disulfide	2.788	76	94313	4.400	ug/L	100
15) Methyl Acetate	2.955	43	11420	5.453	ug/L	92
16) Methylene chloride	3.039	84	39546	6.164	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	66840	4.986	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	29120	5.064	ug/L	94
19) 1,1-Dichloroethane	3.862	63	58888	5.053	ug/L	91
21) 2-Butanone	4.711	43	68965	49.235	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	32439	5.063	ug/L	98
23) Bromochloromethane	4.968	128	15268	5.243	ug/L	96
25) Chloroform	5.081	83	65372	5.301	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	42357	5.117	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	58282	3.702	ug/L	97
30) Cyclohexane	5.380	56	44839	3.440	ug/L	99
31) Carbon tetrachloride	5.518	117	52694	3.621	ug/L	99
33) Benzene	5.766	78	130664	3.584	ug/L	100
34) Trichloroethene	6.537	95	35105	3.552	ug/L	97
35) Methylcyclohexane	6.759	83	47760	3.522	ug/L	99
37) 1,2-Dichloropropane	6.785	63	35000	3.746	ug/L	99
38) Bromodichloromethane	7.100	83	46277	3.770	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	49629	3.623	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	179090	36.806	ug/L	100
42) Toluene	7.962	91	143846	3.733	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	42667	3.794	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	24972	3.690	ug/L	97
47) Tetrachloroethene	8.547	164	38939	4.807	ug/L	97
48) 2-Hexanone	8.679	43	184441	50.650	ug/L	99
49) Dibromochloromethane	8.804	129	42487	5.422	ug/L	100
50) 1,2-Dibromoethane	8.917	107	31785	5.116	ug/L #	95
51) Chlorobenzene	9.441	112	120606	4.835	ug/L	100
52) Ethylbenzene	9.563	91	194811	4.771	ug/L	99
53) m,p-Xylene	9.688	106	72929	4.804	ug/L	100
54) o-Xylene	10.093	106	65611	4.222	ug/L	99
55) Styrene	10.110	104	110660	4.346	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	29374	3.399	ug/L	97
59) Bromoform	10.283	173	18532	5.057	ug/L	98
60) Isopropylbenzene	10.479	105	149569	5.021	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21703	5.046	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	115512	5.203	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	116337	5.137	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	74513	5.111	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	73363	4.959	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	67201	4.913	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	4963	5.112	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	53545	4.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	41079	4.529	ug/L	97
71) Naphthalene	14.084	128	52196	4.505	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	36211	4.771	ug/L	98

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

