

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057555.D
 Acq On : 17 Jan 2024 21:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Jan 18 01:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	207447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105144	5.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.914	69	100695	6.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.400%
11) 1,1-Dichloroethene-d2	2.563	65	49821	5.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.200%
20) 2-Butanone-d5	4.640	46	210050	54.247	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.500%
24) Chloroform-d	5.055	84	164900	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	79278	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	300735	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	93415	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.891	98	265779	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	32530	3.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	125144	42.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	75075	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	86161	4.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94539	7.102	ug/L	99
3) Chloromethane	1.518	50	106032	6.202	ug/L	97
5) Vinyl chloride	1.602	62	105563	6.935	ug/L	97
6) Bromomethane	1.856	94	44809	5.055	ug/L	95
8) Chloroethane	1.933	64	72006	7.586	ug/L	96
9) Trichlorofluoromethane	2.136	101	155775	7.485	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98912	7.428	ug/L	99
12) 1,1-Dichloroethene	2.576	96	85755	7.274	ug/L	93
13) Acetone	2.669	43	153981	66.151	ug/L	96
14) Carbon disulfide	2.788	76	244607	7.426	ug/L	99
15) Methyl Acetate	2.959	43	35606	6.766	ug/L	98
16) Methylene chloride	3.042	84	105328	6.608	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	200924	6.871	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85010	7.266	ug/L	98
19) 1,1-Dichloroethane	3.862	63	167730	6.353	ug/L	99
21) 2-Butanone	4.721	43	193660	58.814	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	76580	5.622	ug/L	97
23) Bromochloromethane	4.968	128	33141	5.667	ug/L	99
25) Chloroform	5.081	83	144244	5.268	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	84563	5.129	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	119769	4.680	ug/L	99
30) Cyclohexane	5.380	56	85554	4.110	ug/L	96
31) Carbon tetrachloride	5.518	117	100159	4.739	ug/L	99
33) Benzene	5.769	78	277621	4.555	ug/L	100
34) Trichloroethene	6.537	95	73469	4.589	ug/L	97
35) Methylcyclohexane	6.759	83	87758	4.123	ug/L	99
37) 1,2-Dichloropropane	6.782	63	80676	4.667	ug/L	100
38) Bromodichloromethane	7.100	83	99254	4.769	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	96636	4.229	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	385484	44.921	ug/L	100
42) Toluene	7.962	91	297776	4.957	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	84298	4.532	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	52358	4.696	ug/L	99
47) Tetrachloroethene	8.547	164	49588	4.664	ug/L	95
48) 2-Hexanone	8.682	43	293324	46.806	ug/L	99
49) Dibromochloromethane	8.804	129	59107	4.941	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46313	5.042	ug/L	96
51) Chlorobenzene	9.441	112	180411	4.763	ug/L	96
52) Ethylbenzene	9.563	91	289816	4.691	ug/L	96
53) m,p-Xylene	9.688	106	104763	4.707	ug/L	97
54) o-Xylene	10.094	106	104240	4.881	ug/L	94
55) Styrene	10.110	104	172518	4.906	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	66141	4.894	ug/L	99
59) Bromoform	10.283	173	32658	4.973	ug/L	100
60) Isopropylbenzene	10.476	105	275574	4.695	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44296	4.691	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	209652	4.531	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	211164	4.558	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	135566	4.745	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	133124	4.694	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	127338	4.812	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9015	4.978	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	101643	5.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	84006	6.478	ug/L	97
71) Naphthalene	14.084	128	102342	5.644	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68764	6.475	ug/L	98

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

