

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062067.D
 Acq On : 02 Dec 2024 10:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Dec 03 00:14:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 02:06:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	127465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24867	3.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	20458	3.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.560	65	10957	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.631	46	77731	39.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.180%
24) Chloroform-d	5.052	84	67603	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.692	65	34203	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.717	84	110323	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	37217	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	96337	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	15167	5.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.627	63	55196	41.164	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32046	4.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	42388	4.685	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56899	5.102	ug/L	99
3) Chloromethane	1.518	50	46840	4.075	ug/L	98
5) Vinyl chloride	1.602	62	49356	4.179	ug/L	100
6) Bromomethane	1.856	94	31561	4.489	ug/L	96
8) Chloroethane	1.933	64	27102	3.559	ug/L	96
9) Trichlorofluoromethane	2.132	101	78350	5.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44540	4.845	ug/L	94
12) 1,1-Dichloroethene	2.576	96	40077	4.688	ug/L	92
13) Acetone	2.653	43	62071	45.789	ug/L	95
14) Carbon disulfide	2.788	76	122452	4.503	ug/L	99
15) Methyl Acetate	2.956	43	13933	4.003	ug/L	91
16) Methylene chloride	3.039	84	43739	4.261	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	100740	4.598	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42265	4.677	ug/L	93
19) 1,1-Dichloroethane	3.859	63	79910	4.540	ug/L	99
21) 2-Butanone	4.708	43	94596	43.177	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	47870	4.707	ug/L	99
23) Bromochloromethane	4.965	128	20656	4.673	ug/L	93
25) Chloroform	5.078	83	88278	4.798	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53039	4.481	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	80475	5.825	ug/L	95
30) Cyclohexane	5.377	56	70085	4.850	ug/L	96
31) Carbon tetrachloride	5.515	117	71584	6.102	ug/L	99
33) Benzene	5.762	78	180509	4.987	ug/L	100
34) Trichloroethene	6.534	95	49825	5.157	ug/L	97
35) Methylcyclohexane	6.753	83	76189	5.155	ug/L	98
37) 1,2-Dichloropropane	6.782	63	46944	4.992	ug/L	99
38) Bromodichloromethane	7.097	83	62026	5.438	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	71802	5.445	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	230085	45.344	ug/L	95
42) Toluene	7.962	91	197393	5.196	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	58697	5.605	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	32468	4.686	ug/L	97
47) Tetrachloroethene	8.544	164	39038	5.556	ug/L	93
48) 2-Hexanone	8.676	43	169430	44.585	ug/L	97
49) Dibromochloromethane	8.801	129	39754	5.432	ug/L	92
50) 1,2-Dibromoethane	8.913	107	32312	4.699	ug/L	95
51) Chlorobenzene	9.438	112	124067	4.769	ug/L	99
52) Ethylbenzene	9.563	91	222082	4.885	ug/L	97
53) m,p-Xylene	9.685	106	82821	5.163	ug/L	94
54) o-Xylene	10.093	106	80375	4.964	ug/L	96
55) Styrene	10.106	104	132114	4.953	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	39489	4.448	ug/L	97
59) Bromoform	10.280	173	23626	5.194	ug/L	100
60) Isopropylbenzene	10.476	105	222871	4.671	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	28781	4.069	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	187240	4.920	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	185296	4.883	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	100786	4.759	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	97495	4.756	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	91198	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6254	5.180	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	74262	5.893	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56392	5.838	ug/L	97
71) Naphthalene	14.080	128	80300	5.158	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	46917	5.640	ug/L	98

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

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