

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U122624\
 Data File : VU062588.D
 Acq On : 26 Dec 2024 21:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Dec 27 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94548	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22827	3.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	20736	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	12667	4.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.621	46	67325	55.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.160%
24) Chloroform-d	5.049	84	71213	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.689	65	39111	5.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.714	84	117913	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.679	67	33054	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.888	98	115322	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.171	79	16546	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.624	63	63407	65.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.440%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30606	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	47031	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	40118	4.530	ug/L	97
3) Chloromethane	1.515	50	27120	3.906	ug/L	97
5) Vinyl chloride	1.599	62	33038	4.571	ug/L	99
6) Bromomethane	1.853	94	23866	4.954	ug/L	97
8) Chloroethane	1.927	64	18723	4.625	ug/L	97
9) Trichlorofluoromethane	2.129	101	69011	5.501	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34046	4.986	ug/L	91
12) 1,1-Dichloroethene	2.573	96	31017	4.859	ug/L	92
13) Acetone	2.634	43	47373	56.927	ug/L	99
14) Carbon disulfide	2.785	76	80068	3.966	ug/L	98
15) Methyl Acetate	2.949	43	9859	4.727	ug/L #	87
16) Methylene chloride	3.036	84	33822	5.047	ug/L	88
17) Methyl tert-butyl Ether	3.351	73	90562	5.695	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31670	4.828	ug/L	89
19) 1,1-Dichloroethane	3.856	63	60896	5.065	ug/L	97
21) 2-Butanone	4.698	43	66594	55.104	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	38856	5.285	ug/L	89
23) Bromochloromethane	4.965	128	18426	5.718	ug/L #	71
25) Chloroform	5.075	83	75254	5.557	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062588.D
 Acq On : 26 Dec 2024 21:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Dec 27 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	49405	5.741	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	70408	5.677	ug/L	94
30) Cyclohexane	5.374	56	42484	4.225	ug/L	87
31) Carbon tetrachloride	5.512	117	65107	5.725	ug/L	98
33) Benzene	5.763	78	137408	5.030	ug/L	100
34) Trichloroethene	6.531	95	42345	5.472	ug/L	95
35) Methylcyclohexane	6.750	83	51796	4.514	ug/L	93
37) 1,2-Dichloropropane	6.775	63	32692	4.914	ug/L	98
38) Bromodichloromethane	7.094	83	52843	5.630	ug/L #	97
39) cis-1,3-Dichloropropene	7.599	75	56337	5.283	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	169680	54.418	ug/L #	90
42) Toluene	7.959	91	153779	5.220	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	49546	5.690	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28465	5.667	ug/L	95
47) Tetrachloroethene	8.544	164	31505	5.273	ug/L	96
48) 2-Hexanone	8.676	43	125814	54.598	ug/L #	95
49) Dibromochloromethane	8.798	129	37382	6.160	ug/L	95
50) 1,2-Dibromoethane	8.914	107	27621	5.723	ug/L #	98
51) Chlorobenzene	9.438	112	101233	5.363	ug/L	98
52) Ethylbenzene	9.560	91	176592	5.347	ug/L	99
53) m,p-Xylene	9.682	106	65643	5.383	ug/L	95
54) o-Xylene	10.090	106	66506	5.608	ug/L	99
55) Styrene	10.103	104	109907	5.622	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.769	83	33450	5.723	ug/L #	98
59) Bromoform	10.280	173	22729	5.923	ug/L	97
60) Isopropylbenzene	10.473	105	183039	5.189	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	24473	5.420	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	156786	5.252	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	156455	5.350	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	85962	5.305	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	84392	5.172	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	81087	5.415	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6275	6.371	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.209	180	64874	5.386	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	52838	5.556	ug/L	96
71) Naphthalene	14.077	128	82987	5.812	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	47718	5.690	ug/L	99

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

