

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062181.D
 Acq On : 10 Dec 2024 01:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Dec 10 01:52:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32675	4.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.907	69	23894	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.557	65	15252	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.621	46	79832	63.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	5.052	84	76128	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.692	65	40792	5.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.718	84	136129	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.679	67	40620	5.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.888	98	127089	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	8.171	79	18089	5.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.624	63	61974	63.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34186	6.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	46049	5.533	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37930	4.179	ug/L	97
3) Chloromethane	1.515	50	34946	4.912	ug/L	99
5) Vinyl chloride	1.599	62	34848	4.705	ug/L	100
6) Bromomethane	1.853	94	25570	5.179	ug/L	94
8) Chloroethane	1.927	64	19495	4.699	ug/L	99
9) Trichlorofluoromethane	2.133	101	54774	4.260	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27949	3.994	ug/L	92
12) 1,1-Dichloroethene	2.573	96	28556	4.365	ug/L	87
13) Acetone	2.637	43	50873	59.652	ug/L	96
14) Carbon disulfide	2.785	76	86148	4.164	ug/L	98
15) Methyl Acetate	2.952	43	12022	5.625	ug/L #	88
16) Methylene chloride	3.036	84	36436	5.305	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	94865	5.821	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31237	4.647	ug/L	90
19) 1,1-Dichloroethane	3.859	63	61205	4.968	ug/L	97
21) 2-Butanone	4.702	43	78708	63.550	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	38296	5.083	ug/L	96
23) Bromochloromethane	4.965	128	18591	5.629	ug/L #	80
25) Chloroform	5.078	83	70686	5.093	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47094	5.340	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	57348	4.591	ug/L	95
30) Cyclohexane	5.377	56	39423	3.892	ug/L	95
31) Carbon tetrachloride	5.515	117	50722	4.428	ug/L	98
33) Benzene	5.766	78	133647	4.857	ug/L	100
34) Trichloroethene	6.534	95	36091	4.630	ug/L	99
35) Methylcyclohexane	6.753	83	44037	3.810	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35156	5.246	ug/L	99
38) Bromodichloromethane	7.097	83	50753	5.368	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	53878	5.016	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	197871	63.003	ug/L #	92
42) Toluene	7.962	91	136866	4.613	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	46400	5.290	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28968	5.726	ug/L	96
47) Tetrachloroethene	8.547	164	25144	4.178	ug/L	97
48) 2-Hexanone	8.676	43	146362	63.059	ug/L #	93
49) Dibromochloromethane	8.801	129	35084	5.740	ug/L	93
50) 1,2-Dibromoethane	8.914	107	27644	5.687	ug/L	97
51) Chlorobenzene	9.438	112	89898	4.728	ug/L	97
52) Ethylbenzene	9.563	91	143756	4.321	ug/L	99
53) m,p-Xylene	9.685	106	54200	4.413	ug/L	96
54) o-Xylene	10.090	106	54856	4.592	ug/L	98
55) Styrene	10.106	104	93770	4.762	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33916	5.761	ug/L #	94
59) Bromoform	10.280	173	21447	6.043	ug/L	99
60) Isopropylbenzene	10.476	105	141996	4.352	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	25486	6.103	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	120333	4.358	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119685	4.424	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	68695	4.584	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	68581	4.544	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	66914	4.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5972	6.556	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	49425	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	42673	4.851	ug/L	99
71) Naphthalene	14.081	128	75635	5.727	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39050	5.034	ug/L	99

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

