

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062253.D
 Acq On : 11 Dec 2024 20:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Dec 12 01:41:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26071	3.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.911	69	21557	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	12896	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.634	46	65156	50.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.500%
24) Chloroform-d	5.055	84	67215	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	35075	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	116873	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	34180	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.888	98	111332	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	15342	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.628	63	49883	48.966	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29202	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	42673	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47338	5.038	ug/L	98
3) Chloromethane	1.515	50	35013	4.754	ug/L	100
5) Vinyl chloride	1.599	62	37919	4.945	ug/L	100
6) Bromomethane	1.853	94	26399	5.164	ug/L	100
8) Chloroethane	1.930	64	21731	5.059	ug/L	99
9) Trichlorofluoromethane	2.133	101	67814	5.095	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35787	4.940	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32816	4.845	ug/L	93
13) Acetone	2.660	43	46491	52.656	ug/L	94
14) Carbon disulfide	2.785	76	99047	4.624	ug/L	99
15) Methyl Acetate	2.956	43	10923	4.936	ug/L #	89
16) Methylene chloride	3.039	84	36325	5.109	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	84290	4.996	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34382	4.941	ug/L	88
19) 1,1-Dichloroethane	3.859	63	62898	4.931	ug/L	95
21) 2-Butanone	4.714	43	69270	54.024	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	39762	5.098	ug/L	97
23) Bromochloromethane	4.965	128	18132	5.303	ug/L #	74
25) Chloroform	5.078	83	74213	5.165	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45430	4.976	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	68646	5.242	ug/L	95
30) Cyclohexane	5.377	56	50779	4.782	ug/L	93
31) Carbon tetrachloride	5.512	117	62078	5.170	ug/L	99
33) Benzene	5.763	78	147004	5.096	ug/L	100
34) Trichloroethene	6.534	95	42177	5.161	ug/L	94
35) Methylcyclohexane	6.753	83	57110	4.714	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35447	5.046	ug/L	100
38) Bromodichloromethane	7.097	83	51623	5.208	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	54862	4.872	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	172943	52.525	ug/L #	91
42) Toluene	7.959	91	160604	5.163	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	47680	5.185	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	27794	5.240	ug/L	97
47) Tetrachloroethene	8.544	164	32585	5.164	ug/L	97
48) 2-Hexanone	8.679	43	130412	53.594	ug/L #	93
49) Dibromochloromethane	8.801	129	34191	5.336	ug/L	92
50) 1,2-Dibromoethane	8.914	107	27081	5.314	ug/L #	97
51) Chlorobenzene	9.438	112	103457	5.190	ug/L	98
52) Ethylbenzene	9.563	91	178873	5.129	ug/L	99
53) m,p-Xylene	9.685	106	67949	5.277	ug/L	97
54) o-Xylene	10.090	106	65366	5.219	ug/L	98
55) Styrene	10.107	104	110307	5.343	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	32299	5.233	ug/L #	99
59) Bromoform	10.283	173	20810	5.311	ug/L	99
60) Isopropylbenzene	10.476	105	179973	4.996	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23778	5.157	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	154558	5.070	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	151091	5.059	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	82902	5.010	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	82806	4.970	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	78219	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5472	5.441	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.209	180	61939	5.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	48981	5.044	ug/L	97
71) Naphthalene	14.081	128	72496	4.972	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	42759	4.993	ug/L	99

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

