

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061909.D
 Acq On : 21 Nov 2024 10:10
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005154

Quant Time: Nov 21 11:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	181056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38995	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	34371	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	16348	4.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.611	46	126807	45.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.940%
24) Chloroform-d	5.052	84	98458	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	49735	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.717	84	164678	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.679	67	57153	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	159073	5.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
43) trans-1,3-Dichloroprop...	8.171	79	23451	5.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.000%
46) 2-Hexanone-d5	8.621	63	100631	52.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51265	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56803	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	76227	4.812	ug/L	99
3) Chloromethane	1.518	50	79477	4.868	ug/L	98
5) Vinyl chloride	1.602	62	81660	4.868	ug/L	100
6) Bromomethane	1.849	94	49367	4.944	ug/L	99
8) Chloroethane	1.927	64	48818	4.513	ug/L	99
9) Trichlorofluoromethane	2.132	101	104521	4.926	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63312	4.849	ug/L	98
12) 1,1-Dichloroethene	2.573	96	59282	4.882	ug/L	99
13) Acetone	2.618	43	93740	48.683	ug/L	97
14) Carbon disulfide	2.785	76	186954	4.840	ug/L	100
15) Methyl Acetate	2.943	43	24781	5.012	ug/L	95
16) Methylene chloride	3.036	84	68483	4.697	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	152931	4.914	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	62701	4.885	ug/L	99
19) 1,1-Dichloroethane	3.859	63	123725	4.948	ug/L	98
21) 2-Butanone	4.689	43	156647	50.336	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72737	5.035	ug/L	99
23) Bromochloromethane	4.965	128	31976	5.092	ug/L	97
25) Chloroform	5.078	83	132605	5.074	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	83638	4.974	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	110119	5.542	ug/L	98
30) Cyclohexane	5.377	56	110139	5.299	ug/L	99
31) Carbon tetrachloride	5.515	117	92414	5.477	ug/L	99
33) Benzene	5.762	78	280763	5.393	ug/L	100
34) Trichloroethene	6.534	95	73502	5.290	ug/L	98
35) Methylcyclohexane	6.753	83	110205	5.185	ug/L	100
37) 1,2-Dichloropropane	6.779	63	73792	5.456	ug/L	99
38) Bromodichloromethane	7.097	83	89555	5.460	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	96898	5.109	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	395088	54.138	ug/L	100
42) Toluene	7.962	91	347734	6.365	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	90112	5.983	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	61316	6.154	ug/L	99
47) Tetrachloroethene	8.544	164	58549	5.794	ug/L	97
48) 2-Hexanone	8.672	43	331450	60.645	ug/L	99
49) Dibromochloromethane	8.801	129	62061	5.896	ug/L	94
50) 1,2-Dibromoethane	8.913	107	57140	5.778	ug/L	99
51) Chlorobenzene	9.438	112	183583	4.906	ug/L	99
52) Ethylbenzene	9.563	91	321544	4.918	ug/L	98
53) m,p-Xylene	9.685	106	119951	5.199	ug/L	99
54) o-Xylene	10.090	106	116753	5.014	ug/L	97
55) Styrene	10.106	104	195629	5.099	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64510	5.052	ug/L	98
59) Bromoform	10.280	173	28509	4.587	ug/L	99
60) Isopropylbenzene	10.476	105	311077	4.772	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	45382	4.695	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	247859	4.766	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	244772	4.721	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	134405	4.644	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	131055	4.679	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	125229	4.976	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	10106	6.127	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	99703	5.790	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80212	6.078	ug/L	98
71) Naphthalene	14.080	128	127564	5.997	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	68019	5.984	ug/L	99

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

