

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052711.D
 Acq On : 16 Jan 2023 20:05
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Jan 17 05:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	83697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	84666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20132	2.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.800%
7) Chloroethane-d5	1.916	69	21547	3.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.565	65	11831	3.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.639	46	148007	75.281	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.560%#
24) Chloroform-d	5.060	84	71238	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	42378	6.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.723	84	126024	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.687	67	44721	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.896	98	113116	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.176	79	18661	5.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.632	63	109665	77.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	155.260%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48845	6.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	139.600%#
66) 1,2-Dichlorobenzene-d4	12.188	152	44742	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43759	4.867	ug/L	99
3) Chloromethane	1.520	50	40027	3.665	ug/L	98
5) Vinyl chloride	1.604	62	40638	3.890	ug/L	99
6) Bromomethane	1.858	94	14646	2.701	ug/L	94
8) Chloroethane	1.935	64	28071	4.419	ug/L	96
9) Trichlorofluoromethane	2.141	101	60943	4.948	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	36992	5.105	ug/L	97
12) 1,1-Dichloroethene	2.578	96	34501	4.754	ug/L	92
13) Acetone	2.665	43	91171	64.658	ug/L	99
14) Carbon disulfide	2.793	76	119895	4.781	ug/L	98
15) Methyl Acetate	2.957	43	23277	6.886	ug/L	94
16) Methylene chloride	3.044	84	53296	5.519	ug/L	90
17) Methyl tert-butyl Ether	3.362	73	102700	6.396	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	38701	5.229	ug/L	93
19) 1,1-Dichloroethane	3.867	63	75524	4.915	ug/L	98
21) 2-Butanone	4.719	43	157397	69.342	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	44012	5.538	ug/L	90
23) Bromochloromethane	4.973	128	22012	6.543	ug/L	81
25) Chloroform	5.083	83	79464	5.260	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	58063	6.342	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	63998	4.818	ug/L	97
30) Cyclohexane	5.385	56	58373	4.367	ug/L	96
31) Carbon tetrachloride	5.520	117	55415	5.324	ug/L	96
33) Benzene	5.771	78	172829	5.158	ug/L	100
34) Trichloroethene	6.539	95	38970	4.916	ug/L	96
35) Methylcyclohexane	6.761	83	58815	4.493	ug/L	95
37) 1,2-Dichloropropane	6.787	63	46304	5.149	ug/L	99
38) Bromodichloromethane	7.102	83	59200	5.591	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	60552	5.304	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	354812	68.982	ug/L	97
42) Toluene	7.967	91	177063	5.304	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	57589	5.844	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	36376	6.431	ug/L	94
47) Tetrachloroethene	8.549	164	31040	5.315	ug/L	96
48) 2-Hexanone	8.681	43	270296	71.773	ug/L	97
49) Dibromochloromethane	8.806	129	41186	6.298	ug/L	93
50) 1,2-Dibromoethane	8.919	107	34403	6.616	ug/L #	96
51) Chlorobenzene	9.443	112	107922	5.190	ug/L	97
52) Ethylbenzene	9.565	91	166908	4.909	ug/L	99
53) m,p-Xylene	9.690	106	67262	5.222	ug/L	99
54) o-Xylene	10.095	106	63018	5.117	ug/L	95
55) Styrene	10.111	104	112757	5.367	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	51111	6.917	ug/L	96
59) Bromoform	10.285	173	26042	7.076	ug/L	99
60) Isopropylbenzene	10.481	105	161801	4.823	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	36673	6.667	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	124185	4.642	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	126801	4.705	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	84583	5.301	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	83888	5.153	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	81535	5.430	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	8313	6.553	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.214	180	58322	4.920	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	47887	5.037	ug/L	98
71) Naphthalene	14.082	128	93485	5.665	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	48018	5.514	ug/L	98

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

