

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045804.D
 Acq On : 16 Nov 2021 13:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Nov 17 04:46:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	50941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30959	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.919	69	24763	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.571	65	13177	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.649	46	115879	59.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	5.070	84	59410	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	36611	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.732	84	122560	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.697	67	39743	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.902	98	111676	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.185	79	17191	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.639	63	91935	61.053	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39476	5.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	43289	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40087	5.384	ug/L	98
3) Chloromethane	1.520	50	41661	5.280	ug/L	99
5) Vinyl chloride	1.607	62	44116	5.571	ug/L	100
6) Bromomethane	1.861	94	24587	5.235	ug/L	97
8) Chloroethane	1.938	64	26497	5.868	ug/L	99
9) Trichlorofluoromethane	2.144	101	56970	5.573	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33324	5.559	ug/L	100
12) 1,1-Dichloroethene	2.584	96	31463	5.558	ug/L	86
13) Acetone	2.674	43	66319	58.035	ug/L	97
14) Carbon disulfide	2.800	76	93718	5.235	ug/L	99
15) Methyl Acetate	2.967	43	17634	6.289	ug/L	97
16) Methylene chloride	3.051	84	37981	4.545	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	85497	5.802	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	32803	5.406	ug/L	98
19) 1,1-Dichloroethane	3.877	63	63309	5.569	ug/L	98
21) 2-Butanone	4.732	43	121138	63.004	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	36447	5.540	ug/L	99
23) Bromochloromethane	4.980	128	17456	6.088	ug/L	95
25) Chloroform	5.092	83	69181	5.610	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	44357	5.637	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	55171	5.348	ug/L	100
30) Cyclohexane	5.395	56	52555	5.136	ug/L	98
31) Carbon tetrachloride	5.533	117	45720	5.270	ug/L	98
33) Benzene	5.780	78	139817	5.277	ug/L	100
34) Trichloroethene	6.546	95	36234	5.306	ug/L	97
35) Methylcyclohexane	6.767	83	55240	5.267	ug/L	100
37) 1,2-Dichloropropane	6.796	63	37458	5.372	ug/L	98
38) Bromodichloromethane	7.108	83	47411	5.510	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	52887	5.337	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	283441	61.970	ug/L	100
42) Toluene	7.973	91	151049	5.522	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	47872	5.553	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	29912	5.778	ug/L	96
47) Tetrachloroethene	8.555	164	26355	5.513	ug/L	98
48) 2-Hexanone	8.690	43	213832	64.714	ug/L	99
49) Dibromochloromethane	8.812	129	33415	5.667	ug/L	99
50) 1,2-Dibromoethane	8.928	107	28991	5.944	ug/L	100
51) Chlorobenzene	9.449	112	96021	5.596	ug/L	99
52) Ethylbenzene	9.574	91	158716	5.544	ug/L	98
53) m,p-Xylene	9.697	106	61499	5.608	ug/L	95
54) o-Xylene	10.105	106	60573	5.724	ug/L	96
55) Styrene	10.118	104	104207	5.849	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	39209	5.913	ug/L	95
59) Bromoform	10.295	173	19394	5.748	ug/L	97
60) Isopropylbenzene	10.488	105	159291	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	30040	5.681	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	131996	5.398	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	132302	5.400	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	76061	5.452	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75336	5.315	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72605	5.428	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5739	5.216	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	54990	5.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	46964	5.318	ug/L	99
71) Naphthalene	14.089	128	100521	5.540	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	47866	5.447	ug/L	98

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

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