

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042460.D
 Acq On : 01 Mar 2021 12:09
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV362

Quant Time: Mar 02 14:46:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:41:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	118154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	113284	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	64961	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23835	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.919	69	24963	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.575	65	15154	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.645	46	139791	46.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	5.073	84	76134	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	45270	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.739	84	131340	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	44355	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	126823	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.189	79	18580	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.645	63	101774	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41011	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	53619	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	62042	5.52	ug/L	99
3) Chloromethane	1.523	50	54961	5.31	ug/L	100
5) Vinyl chloride	1.607	62	56100	5.45	ug/L	99
6) Bromomethane	1.864	94	33285	5.45	ug/L	99
8) Chloroethane	1.941	64	32622	5.26	ug/L	100
9) Trichlorofluoromethane	2.144	101	92309	5.57	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	48519	5.63	ug/L	99
12) 1,1-Dichloroethene	2.588	96	45107	5.55	ug/L	98
13) Acetone	2.655	43	102170	49.58	ug/L	91
14) Carbon disulfide	2.800	76	147916	5.49	ug/L	100
15) Methyl Acetate	2.964	43	22084	4.62	ug/L	92
16) Methylene chloride	3.054	84	49225	5.35	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	128013	5.42	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	47870	5.53	ug/L	99
19) 1,1-Dichloroethane	3.880	63	92403	5.50	ug/L	99
21) 2-Butanone	4.726	43	189518	54.01	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	50885	5.49	ug/L	99
23) Bromochloromethane	4.986	128	24525	5.50	ug/L	99
25) Chloroform	5.099	83	95911	5.46	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	70946	5.40	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	87600	5.49	ug/L	98
30) Cyclohexane	5.398	56	86868	5.52	ug/L	99
31) Carbon tetrachloride	5.533	117	75494	5.58	ug/L	99
33) Benzene	5.784	78	197235	5.56	ug/L	100
34) Trichloroethene	6.552	95	53111	5.58	ug/L	98
35) Methylcyclohexane	6.774	83	85261	5.82	ug/L	98
37) 1,2-Dichloropropane	6.800	63	53197	5.53	ug/L	100
38) Bromodichloromethane	7.115	83	70226	5.56	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	78491	5.50	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	458611	55.07	ug/L	100
42) Toluene	7.976	91	217614	5.65	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	71742	5.59	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	38317	5.50	ug/L	96
47) Tetrachloroethene	8.562	164	44868	5.75	ug/L	93
48) 2-Hexanone	8.697	43	343157	56.27	ug/L	100
49) Dibromochloromethane	8.819	129	49497	5.50	ug/L	94
50) 1,2-Dibromoethane	8.935	107	39168	5.49	ug/L	99
51) Chlorobenzene	9.455	112	137351	5.64	ug/L	99
52) Ethylbenzene	9.578	91	244477	5.64	ug/L	98
53) m,p-Xylene	9.703	106	92315	5.69	ug/L	98
54) o-Xylene	10.108	106	90337	5.82	ug/L	97
55) Styrene	10.121	104	153832	5.84	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	51066	5.43	ug/L	96
59) Bromoform	10.301	173	31159	5.34	ug/L	96
60) Isopropylbenzene	10.491	105	244410	5.53	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	39709	5.43	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	207176	5.55	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	209336	5.64	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	117493	5.50	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	117251	5.54	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	112238	5.55	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	9749	5.37	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	97158	5.62	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	80285	5.85	ug/L	98
71) Naphthalene	14.098	128	129214	5.90	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	72335	5.84	ug/L	99

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

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