

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046527.D
 Acq On : 21 Dec 2021 14:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV045

Quant Time: Dec 22 05:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	35321	4.849	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.922	69	26437	4.609	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	14019	4.564	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.652	46	91161	43.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.280%
24) Chloroform-d	5.070	84	61389	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.710	65	34504	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.732	84	117801	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.697	67	34453	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.903	98	108802	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	16794	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.639	63	95291	46.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35771	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40842	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	73985	5.228	ug/L	99
3) Chloromethane	1.523	50	55053	4.517	ug/L	96
5) Vinyl chloride	1.610	62	58081	4.841	ug/L	99
6) Bromomethane	1.864	94	34071	4.718	ug/L	100
8) Chloroethane	1.941	64	32076	4.554	ug/L	96
9) Trichlorofluoromethane	2.147	101	78834	5.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40324	5.047	ug/L	96
12) 1,1-Dichloroethene	2.588	96	38188	4.694	ug/L	86
13) Acetone	2.678	43	73628	37.167	ug/L	97
14) Carbon disulfide	2.803	76	127766	4.808	ug/L	99
15) Methyl Acetate	2.967	43	15719	3.928	ug/L	95
16) Methylene chloride	3.054	84	42103	4.253	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	106581	4.491	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	39973	4.606	ug/L	96
19) 1,1-Dichloroethane	3.880	63	71604	4.479	ug/L	99
21) 2-Butanone	4.732	43	121786	40.521	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	43605	4.597	ug/L	97
23) Bromochloromethane	4.983	128	21109	4.471	ug/L	90
25) Chloroform	5.096	83	76828	4.448	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	54293	4.404	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	70253	4.688	ug/L	97
30) Cyclohexane	5.395	56	63782	5.146	ug/L	95
31) Carbon tetrachloride	5.530	117	61670	4.905	ug/L	96
33) Benzene	5.780	78	162978	4.527	ug/L	100
34) Trichloroethene	6.546	95	43114	4.542	ug/L	96
35) Methylcyclohexane	6.768	83	70630	5.278	ug/L	95
37) 1,2-Dichloropropane	6.796	63	40693	4.431	ug/L	98
38) Bromodichloromethane	7.112	83	55317	4.351	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	63712	4.583	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	299276	43.410	ug/L	95
42) Toluene	7.973	91	177719	4.809	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	59225	4.597	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	34802	4.394	ug/L	98
47) Tetrachloroethene	8.558	164	33113	4.930	ug/L	97
48) 2-Hexanone	8.690	43	214621	41.685	ug/L #	96
49) Dibromochloromethane	8.816	129	41828	4.578	ug/L	96
50) 1,2-Dibromoethane	8.928	107	34899	4.565	ug/L #	98
51) Chlorobenzene	9.449	112	110849	4.692	ug/L	99
52) Ethylbenzene	9.574	91	188700	4.933	ug/L	99
53) m,p-Xylene	9.697	106	74143	5.059	ug/L	94
54) o-Xylene	10.105	106	72146	5.123	ug/L	95
55) Styrene	10.118	104	122925	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	45870	4.432	ug/L	94
59) Bromoform	10.295	173	24896	4.506	ug/L	97
60) Isopropylbenzene	10.488	105	191162	5.183	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	36067	4.541	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	161037	5.250	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	164362	5.321	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	90465	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	89539	4.879	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87244	4.852	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8582	4.668	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	67865	5.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	59422	5.171	ug/L	99
71) Naphthalene	14.089	128	134753	5.280	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59424	5.223	ug/L	98

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

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