

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051021\
 Data File : VX021887.D
 Acq On : 10 May 2021 19:56
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV303

Quant Time: May 11 03:45:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 02:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	79087	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69654	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32751	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	34315	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.672	69	26030	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.312	63	56467	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	4.471	46	77603	50.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.28%
24) Chloroform-d	5.062	84	57436	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.964	65	29044	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.976	84	117299	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	7.312	67	36008	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	8.653	98	106455	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloroprop...	8.951	79	16191	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	9.384	63	67230	49.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.96%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27182	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	35509	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35590	5.00	ug/L	99
3) Chloromethane	1.288	50	35622	4.91	ug/L	99
5) Vinyl chloride	1.374	62	38922	5.00	ug/L	98
6) Bromomethane	1.617	94	20916	4.98	ug/L	98
8) Chloroethane	1.691	64	22688	4.85	ug/L	100
9) Trichlorofluoromethane	1.892	101	49982	4.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	29429	4.96	ug/L	99
12) 1,1-Dichloroethene	2.319	96	27788	4.88	ug/L #	69
13) Acetone	2.398	43	38586	48.73	ug/L	99
14) Carbon disulfide	2.514	76	90388	4.90	ug/L	97
15) Methyl Acetate	2.709	43	11323	4.48	ug/L	98
16) Methylene chloride	2.794	84	31569	4.03	ug/L	96
17) Methyl tert-butyl Ether	3.117	73	70090	4.97	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	30325	4.93	ug/L	96
19) 1,1-Dichloroethane	3.611	63	52594	4.96	ug/L	97
21) 2-Butanone	4.574	43	70575	48.41	ug/L	98
22) cis-1,2-Dichloroethene	4.495	96	32040	4.82	ug/L	95
23) Bromochloromethane	4.903	128	13110	5.06	ug/L	93
25) Chloroform	5.105	83	54030	4.90	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	32219	5.02	ug/L	99
29) 1,1,1-Trichloroethane	5.391	97	49083	5.11	ug/L	99
30) Cyclohexane	5.483	56	53330	5.18	ug/L	97
31) Carbon tetrachloride	5.684	117	42087	5.17	ug/L	98
33) Benzene	6.043	78	124627	5.18	ug/L	100
34) Trichloroethene	7.129	95	30851	4.93	ug/L	97
35) Methylcyclohexane	7.385	83	52714	4.92	ug/L	98
37) 1,2-Dichloropropane	7.433	63	30150	5.15	ug/L	98
38) Bromodichloromethane	7.830	83	36937	4.93	ug/L	92
39) cis-1,3-Dichloropropene	8.372	75	46906	5.14	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	185685	51.02	ug/L	100
42) Toluene	8.720	91	131565	5.14	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	37864	5.02	ug/L	100
45) 1,1,2-Trichloroethane	9.159	97	20456	5.08	ug/L	97
47) Tetrachloroethene	9.281	164	21680	5.18	ug/L	96
48) 2-Hexanone	9.433	43	128941	50.74	ug/L	100
49) Dibromochloromethane	9.525	129	22997	4.89	ug/L	97
50) 1,2-Dibromoethane	9.616	107	19045	5.14	ug/L	92
51) Chlorobenzene	10.085	112	80982	5.11	ug/L	99
52) Ethylbenzene	10.195	91	145978	5.11	ug/L	100
53) m,p-xylene	10.305	106	55990	5.10	ug/L	98
54) o-xylene	10.646	106	54166	5.11	ug/L	97
55) Styrene	10.659	104	91074	5.12	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	24590	5.20	ug/L	97
59) Bromoform	10.805	173	11953	5.33	ug/L	99
60) Isopropylbenzene	10.963	105	143598	5.14	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	17383	5.12	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	122054	5.21	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	123924	5.13	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	58776	5.13	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	57770	5.07	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	54294	5.17	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	4216	5.19	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	41731	5.11	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	36848	5.30	ug/L	96
71) Naphthalene	13.780	128	79646	5.32	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	31401	5.13	ug/L	100

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

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