

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029408.D
 Acq On : 13 Jun 2022 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 17:36:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 17:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	386896	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	361889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	153239	51.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.300%
7) Chloroethane-d5	1.666	69	109261	58.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.380%
11) 1,1-Dichloroethene-d2	2.307	63	275070	50.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.940%
21) 2-Butanone-d5	4.465	46	239110	105.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.062	84	289165	50.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
26) 1,2-Dichloroethane-d4	5.964	65	184173	49.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.620%
32) Benzene-d6	5.977	84	576788	51.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.060%
36) 1,2-Dichloropropane-d6	7.312	67	170982	51.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	8.653	98	535507	50.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.500%
43) trans-1,3-Dichloroprop...	8.952	79	72199	44.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	9.385	63	191153	106.745	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.740%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	255358	52.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	199030	51.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	177907	47.924	ug/L	99
3) Chloromethane	1.288	50	166084	47.704	ug/L	99
5) Vinyl chloride	1.374	62	161813	48.016	ug/L	100
6) Bromomethane	1.612	94	78104	49.395	ug/L	99
8) Chloroethane	1.685	64	94878	54.906	ug/L	95
9) Trichlorofluoromethane	1.886	101	228143	47.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	132636	46.748	ug/L	97
12) 1,1-Dichloroethene	2.319	96	126919	48.381	ug/L	90
13) Acetone	2.386	43	137629	90.918	ug/L	96
14) Carbon disulfide	2.514	76	346822	48.210	ug/L	100
15) Methyl Acetate	2.709	43	150978	50.277	ug/L	92
16) Methylene chloride	2.788	84	141813	48.780	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	134748	47.961	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	464907	49.402	ug/L	96
19) 1,1-Dichloroethane	3.611	63	242320	48.829	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	155285	48.902	ug/L	94
22) 2-Butanone	4.562	43	221850	97.355	ug/L	93
23) Bromochloromethane	4.904	128	77448	49.278	ug/L	93
25) Chloroform	5.099	83	267482	48.742	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	204167	48.694	ug/L	99
29) Cyclohexane	5.477	56	228545	47.314	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	238835	47.586	ug/L	97
31) Carbon tetrachloride	5.678	117	191756	47.597	ug/L	99
33) Benzene	6.044	78	572001	48.335	ug/L	100
34) Trichloroethene	7.129	95	159458	38.232	ug/L	99
35) Methylcyclohexane	7.385	83	240310	45.640	ug/L	97
37) 1,2-Dichloropropane	7.434	63	140732	48.779	ug/L	99
38) Bromodichloromethane	7.824	83	197039	47.982	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	190605	41.336	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	429350	99.558	ug/L #	93
42) Toluene	8.720	91	626111	48.552	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	179204	41.432	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	146967	48.228	ug/L	100
46) Tetrachloroethene	9.275	164	109589	45.775	ug/L	93
48) 2-Hexanone	9.433	43	333747	99.907	ug/L	92
49) Dibromochloromethane	9.525	129	153545	48.327	ug/L	99
50) 1,2-Dibromoethane	9.610	107	158411	48.711	ug/L	98
51) Chlorobenzene	10.080	112	395906	48.363	ug/L	97
52) Ethylbenzene	10.195	91	689513	48.857	ug/L	100
53) m,p-Xylene	10.305	106	268965	48.551	ug/L	94
54) o-Xylene	10.647	106	268466	49.135	ug/L	100
55) Styrene	10.659	104	457214	49.774	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	234965	49.754	ug/L	99
59) Bromoform	10.805	173	100857	48.546	ug/L	100
60) Isopropylbenzene	10.964	105	702225	48.185	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	192422	49.307	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	600269	48.228	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	597730	48.367	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	295337	48.919	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	294251	48.281	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	294877	48.426	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	54906	51.155	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	195878	47.413	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	176412	47.412	ug/L	97
71) Naphthalene	13.780	128	707685	51.644	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182401	48.527	ug/L	98

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

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