

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029469.D
 Acq On : 14 Jun 2022 16:54
 Operator : JC/MD
 Sample : N3249-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYT1MS

Quant Time: Jun 15 05:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 05:41:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	361426	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	331392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	172628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	116711	41.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.420%		
7) Chloroethane-d5	1.666	69	89679	51.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.140%		
11) 1,1-Dichloroethene-d2	2.306	63	223746	44.377	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.760%		
21) 2-Butanone-d5	4.458	46	185749	87.547	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.550%		
24) Chloroform-d	5.062	84	237456	44.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
26) 1,2-Dichloroethane-d4	5.958	65	145544	42.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.260%		
32) Benzene-d6	5.976	84	473784	45.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
36) 1,2-Dichloropropane-d6	7.311	67	138370	45.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.280%		
41) Toluene-d8	8.653	98	439410	45.027	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.060%		
43) trans-1,3-Dichloroprop...	8.951	79	63468	42.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.900%		
47) 2-Hexanone-d5	9.384	63	150055	91.506	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.510%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	202903	45.641	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.280%		
66) 1,2-Dichlorobenzene-d4	12.323	152	162001	45.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	157806	45.505	ug/L	99
3) Chloromethane	1.288	50	146410	45.017	ug/L	97
5) Vinyl chloride	1.373	62	148073	47.035	ug/L	100
6) Bromomethane	1.605	94	58677	39.724	ug/L	100
8) Chloroethane	1.684	64	86377	53.509	ug/L	96
9) Trichlorofluoromethane	1.886	101	200560	44.553	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	122779	46.323	ug/L	97
12) 1,1-Dichloroethene	2.318	96	116976	47.733	ug/L #	78
13) Acetone	2.386	43	121744	86.092	ug/L	93
14) Carbon disulfide	2.514	76	296741	44.155	ug/L	99
15) Methyl Acetate	2.709	43	124721	44.460	ug/L	94
16) Methylene chloride	2.788	84	129047	47.517	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	124978	47.619	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	407141	46.313	ug/L	97
19) 1,1-Dichloroethane	3.611	63	265587	57.289	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	172382	58.111	ug/L	97
22) 2-Butanone	4.562	43	203956	95.810	ug/L	96
23) Bromochloromethane	4.903	128	70121	47.761	ug/L	94
25) Chloroform	5.098	83	240766	46.965	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	185578	47.379	ug/L	100
29) Cyclohexane	5.470	56	206023	46.577	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	209988	45.689	ug/L	98
31) Carbon tetrachloride	5.684	117	170039	46.091	ug/L	98
33) Benzene	6.043	78	517764	47.778	ug/L	100
34) Trichloroethene	7.129	95	146357	38.320	ug/L	97
35) Methylcyclohexane	7.385	83	224408	46.542	ug/L	98
37) 1,2-Dichloropropane	7.433	63	130035	49.219	ug/L	100
38) Bromodichloromethane	7.824	83	174348	46.363	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	195311	46.255	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	391827	99.218	ug/L	93
42) Toluene	8.720	91	566318	47.957	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	183776	46.399	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	132840	47.604	ug/L	97
46) Tetrachloroethene	9.275	164	100756	45.958	ug/L	95
48) 2-Hexanone	9.433	43	301547	98.575	ug/L	92
49) Dibromochloromethane	9.524	129	132503	45.542	ug/L	98
50) 1,2-Dibromoethane	9.610	107	141817	47.621	ug/L	99
51) Chlorobenzene	10.079	112	357381	47.675	ug/L	98
52) Ethylbenzene	10.195	91	622340	48.155	ug/L	99
53) m,p-Xylene	10.305	106	246188	48.529	ug/L	98
54) o-Xylene	10.646	106	242485	48.464	ug/L	96
55) Styrene	10.658	104	412994	49.097	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	216017	49.952	ug/L	98
59) Bromoform	10.805	173	86291	44.894	ug/L	99
60) Isopropylbenzene	10.963	105	632250	46.891	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	172441	47.760	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	542633	47.122	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	543929	47.572	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	265945	47.612	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	268239	47.572	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	269582	47.852	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	46654	46.981	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	181624	47.517	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	165968	48.212	ug/L	98
71) Naphthalene	13.774	128	628106	49.542	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	167351	48.123	ug/L	98

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

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