

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027048.D
 Acq On : 28 Jul 2022 20:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV245

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Jul 29 02:04:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:53:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	576448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	569771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	306482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	264831	48.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.580%		
7) Chloroethane-d5	1.561	69	213116	49.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.100%		
11) 1,1-Dichloroethene-d2	2.105	63	454217	48.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.300%		
21) 2-Butanone-d5	3.883	46	305843	97.804	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.800%		
24) Chloroform-d	4.342	84	488695	49.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
26) 1,2-Dichloroethane-d4	5.027	65	280805	50.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
32) Benzene-d6	5.047	84	991578	49.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.120%		
36) 1,2-Dichloropropane-d6	6.066	67	306609	50.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.140%		
41) Toluene-d8	7.313	98	926193	51.214	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.420%		
43) trans-1,3-Dichloroprop...	7.619	79	136980	50.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.280%		
47) 2-Hexanone-d5	8.088	63	289584	109.998	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.000%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	468098	50.696	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	338646	49.153	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	306318	51.202	ug/L	100
3) Chloromethane	1.236	50	286696	52.408	ug/L	100
5) Vinyl chloride	1.307	62	301583	51.973	ug/L	100
6) Bromomethane	1.516	94	182822	51.303	ug/L	100
8) Chloroethane	1.581	64	176015	51.663	ug/L	100
9) Trichlorofluoromethane	1.748	101	381264	51.215	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	217993	50.726	ug/L	100
12) 1,1-Dichloroethene	2.111	96	213532	50.855	ug/L	94
13) Acetone	2.172	43	234485m	101.239	ug/L	
14) Carbon disulfide	2.288	76	665208	49.936	ug/L	100
15) Methyl Acetate	2.429	43	210252	54.624	ug/L	93
16) Methylene chloride	2.500	84	271175	50.666	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	232026	50.473	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	672748	53.280	ug/L	99
19) 1,1-Dichloroethane	3.185	63	416836	51.926	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	248452	52.264	ug/L	99
22) 2-Butanone	3.966	43	282599	110.598	ug/L	92
23) Bromochloromethane	4.243	128	138142	53.945	ug/L	98
25) Chloroform	4.371	83	437383	51.679	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	299472	51.421	ug/L	100
29) Cyclohexane	4.674	56	329832	53.879	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	372857	50.985	ug/L	100
31) Carbon tetrachloride	4.825	117	322920	50.723	ug/L	99
33) Benzene	5.095	78	971986	52.935	ug/L	100
34) Trichloroethene	5.912	95	233982	49.511	ug/L	99
35) Methylcyclohexane	6.127	83	382439	54.244	ug/L	100
37) 1,2-Dichloropropane	6.169	63	252729	54.995	ug/L	100
38) Bromodichloromethane	6.506	83	325932	53.397	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	361125	54.778	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	666525	114.670	ug/L	99
42) Toluene	7.384	91	1025075	54.146	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	346963	54.134	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	262088	53.269	ug/L	98
46) Tetrachloroethene	7.973	164	186946	50.574	ug/L	99
48) 2-Hexanone	8.140	43	532611	116.276	ug/L	99
49) Dibromochloromethane	8.243	129	268294	53.024	ug/L	97
50) 1,2-Dibromoethane	8.349	107	276642	53.620	ug/L	99
51) Chlorobenzene	8.879	112	654977	51.300	ug/L	99
52) Ethylbenzene	9.011	91	1043135	54.416	ug/L	99
53) m,p-Xylene	9.136	106	418516	55.506	ug/L	97
54) o-Xylene	9.542	106	405711	55.874	ug/L	100
55) Styrene	9.558	104	733772	57.741	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	425508	53.641	ug/L	99
59) Bromoform	9.731	173	182916	52.540	ug/L	99
60) Isopropylbenzene	9.931	105	1034727	54.101	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	331185	51.525	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	431982	52.770	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	347433	53.185	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	485942	52.338	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	498395	50.940	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	509389	52.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	88487	52.508	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	330034	52.409	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	277334	51.454	ug/L	100
71) Naphthalene	13.500	128	1003726	53.519	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	314204	53.746	ug/L	99

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

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