

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027962.D
 Acq On : 20 Sep 2022 14:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

Quant Time: Sep 21 01:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	393472	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	386504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	212699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	166221	48.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.240%
7) Chloroethane-d5	1.555	69	129969	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	294255	48.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
21) 2-Butanone-d5	3.866	46	204860	99.735	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.740%
24) Chloroform-d	4.336	84	270041	46.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.021	65	170693	45.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.040	84	530783	47.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	6.063	67	158912	46.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	7.310	98	495637	48.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
43) trans-1,3-Dichloroprop...	7.615	79	87096	50.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.260%
47) 2-Hexanone-d5	8.082	63	175976	104.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	256915	50.741	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.480%
66) 1,2-Dichlorobenzene-d4	11.622	152	200038	48.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140555	47.235	ug/L	99
3) Chloromethane	1.236	50	166966	48.037	ug/L	99
5) Vinyl chloride	1.304	62	168172	47.587	ug/L	99
6) Bromomethane	1.503	94	112607	48.809	ug/L	99
8) Chloroethane	1.574	64	107202	47.898	ug/L	97
9) Trichlorofluoromethane	1.744	101	248319	47.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	139003	48.672	ug/L	99
12) 1,1-Dichloroethene	2.108	96	136181	47.702	ug/L	93
13) Acetone	2.153	43	159843	87.320	ug/L	99
14) Carbon disulfide	2.285	76	366509	48.517	ug/L	99
15) Methyl Acetate	2.420	43	157139	49.695	ug/L	99
16) Methylene chloride	2.497	84	153012	45.713	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	132683	48.833	ug/L	99
18) Methyl tert-butyl Ether	2.760	73	422530	49.539	ug/L	100
19) 1,1-Dichloroethane	3.178	63	246202	46.907	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	146814	48.447	ug/L	98
22) 2-Butanone	3.950	43	209004	95.913	ug/L	100
23) Bromochloromethane	4.236	128	78017	47.703	ug/L	97
25) Chloroform	4.362	83	256660	45.802	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	200876	46.222	ug/L	100
29) Cyclohexane	4.667	56	205819	48.781	ug/L	94
30) 1,1,1-Trichloroethane	4.596	97	230116	48.364	ug/L	99
31) Carbon tetrachloride	4.818	117	200714	47.502	ug/L	99
33) Benzene	5.088	78	551902	47.862	ug/L	100
34) Trichloroethene	5.905	95	134855	47.194	ug/L	98
35) Methylcyclohexane	6.124	83	225358	48.864	ug/L	97
37) 1,2-Dichloropropane	6.165	63	135344	44.744	ug/L	98
38) Bromodichloromethane	6.503	83	193438	45.798	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	212064	46.297	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	417362	96.742	ug/L	99
42) Toluene	7.381	91	608821	49.824	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	234210	51.254	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	151695	49.711	ug/L	98
46) Tetrachloroethene	7.969	164	115040	48.389	ug/L	100
48) 2-Hexanone	8.133	43	370696	105.911	ug/L	100
49) Dibromochloromethane	8.239	129	162840	48.339	ug/L	95
50) 1,2-Dibromoethane	8.345	107	154795	49.464	ug/L	98
51) Chlorobenzene	8.876	112	400563	49.105	ug/L	99
52) Ethylbenzene	9.008	91	666049	50.490	ug/L	100
53) m,p-Xylene	9.133	106	256321	50.677	ug/L	98
54) o-Xylene	9.538	106	251638	51.563	ug/L	98
55) Styrene	9.554	104	449492	51.906	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	257032	50.219	ug/L	98
59) Bromoform	9.725	173	124974	50.775	ug/L	98
60) Isopropylbenzene	9.927	105	669337	53.209	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	205795	51.543	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	566405	52.653	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	569533	53.088	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	318258	49.638	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	320755	48.829	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	325496	49.961	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	61590	50.200	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	242112	48.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	214833	47.682	ug/L	99
71) Naphthalene	13.496	128	766751	53.008	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	233658	50.212	ug/L	99

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

