

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034828.D
 Acq On : 26 Mar 2024 14:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV240

Quant Time: Mar 27 01:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	426516	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	212099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	191111	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.800%
7) Chloroethane-d5	1.532	69	188504	52.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.060	65	84294	46.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	3.783	46	252460	103.342	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.340%
24) Chloroform-d	4.246	84	331920	47.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
26) 1,2-Dichloroethane-d4	4.937	65	209972	47.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	4.957	84	660531	48.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	5.986	67	211562	48.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.240	98	602822	48.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
43) trans-1,3-Dichloroprop...	7.551	79	105299	49.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
47) 2-Hexanone-d5	8.021	63	175904	106.619	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	291477	48.506	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	11.558	152	224516	47.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	128737	41.645	ug/L	100
3) Chloromethane	1.217	50	175365	44.127	ug/L	100
5) Vinyl chloride	1.285	62	187651	45.041	ug/L	100
6) Bromomethane	1.487	94	152299	48.768	ug/L	98
8) Chloroethane	1.548	64	133668	46.977	ug/L	97
9) Trichlorofluoromethane	1.716	101	237486	43.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139984	41.825	ug/L	99
12) 1,1-Dichloroethene	2.069	96	143394	44.796	ug/L	95
13) Acetone	2.118	43	217989	97.194	ug/L	100
14) Carbon disulfide	2.243	76	403937	44.810	ug/L	100
15) Methyl Acetate	2.375	43	162460	45.966	ug/L	99
16) Methylene chloride	2.446	84	154143	44.442	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	139828	45.182	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	499297	45.932	ug/L	99
19) 1,1-Dichloroethane	3.111	63	287213	45.256	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	162324	46.190	ug/L	95
22) 2-Butanone	3.867	43	241583	92.826	ug/L	100
23) Bromochloromethane	4.146	128	79726	45.343	ug/L	97
25) Chloroform	4.275	83	283004	45.103	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229116	45.862	ug/L	99
29) Cyclohexane	4.580	56	223237	43.568	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	243436	45.651	ug/L	99
31) Carbon tetrachloride	4.735	117	205101	45.378	ug/L	100
33) Benzene	5.008	78	604586	45.321	ug/L	100
34) Trichloroethene	5.831	95	164475	45.685	ug/L	98
35) Methylcyclohexane	6.050	83	233646	42.972	ug/L	99
37) 1,2-Dichloropropane	6.092	63	166779	45.239	ug/L	100
38) Bromodichloromethane	6.429	83	213009	44.782	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	267082	45.989	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	449220	95.439	ug/L	100
42) Toluene	7.314	91	647864	46.388	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	258801	48.506	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	156763	45.115	ug/L	99
46) Tetrachloroethene	7.902	164	115294	45.838	ug/L	98
48) 2-Hexanone	8.072	43	383091	95.695	ug/L	98
49) Dibromochloromethane	8.175	129	154051	44.763	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169564	45.326	ug/L	98
51) Chlorobenzene	8.812	112	411172	45.424	ug/L	100
52) Ethylbenzene	8.944	91	722844	46.700	ug/L	99
53) m,p-Xylene	9.072	106	270147	47.392	ug/L	99
54) o-Xylene	9.477	106	262563	46.554	ug/L	100
55) Styrene	9.493	104	452948	47.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	256887	45.629	ug/L	99
59) Bromoform	9.664	173	109540	45.067	ug/L	99
60) Isopropylbenzene	9.866	105	716041	46.829	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	208754	45.420	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	477815	48.116	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	591315	48.161	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	326745	45.727	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	334181	45.989	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	322682	45.331	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	60320	47.638	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	242124	47.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	231512	48.940	ug/L	100
71) Naphthalene	13.435	128	797436	60.760	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	233238	50.019	ug/L	100

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

