

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033814.D
 Acq On : 22 Jan 2024 19:46
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050383

Quant Time: Jan 22 23:48:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	214719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	201087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	74031	44.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.720%
7) Chloroethane-d5	1.529	69	62293	47.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.340%
11) 1,1-Dichloroethene-d2	2.060	65	34765	48.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.900%
21) 2-Butanone-d5	3.783	46	92459	81.685	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.690%
24) Chloroform-d	4.249	84	138575	46.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
26) 1,2-Dichloroethane-d4	4.941	65	91895	48.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
32) Benzene-d6	4.960	84	265312	46.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
36) 1,2-Dichloropropane-d6	5.986	67	81387	43.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.500%
41) Toluene-d8	7.243	98	244909	47.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
43) trans-1,3-Dichloroprop...	7.551	79	41680	44.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.640%
47) 2-Hexanone-d5	8.021	63	65086	83.384	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	101876	42.407	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	96066	47.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	77191	43.213	ug/L	100
3) Chloromethane	1.214	50	86008	42.343	ug/L	100
5) Vinyl chloride	1.285	62	89603	46.111	ug/L	95
6) Bromomethane	1.484	94	45482	44.784	ug/L	100
8) Chloroethane	1.548	64	59135	51.035	ug/L	97
9) Trichlorofluoromethane	1.716	101	134819	58.141	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	73784	54.008	ug/L	97
12) 1,1-Dichloroethene	2.072	96	70110	54.406	ug/L	89
13) Acetone	2.108	43	86776	80.183	ug/L	100
14) Carbon disulfide	2.243	76	208322	47.564	ug/L	99
15) Methyl Acetate	2.372	43	76299	43.115	ug/L #	100
16) Methylene chloride	2.449	84	75587	48.082	ug/L	93
17) trans-1,2-Dichloroethene	2.696	96	68991	47.928	ug/L	93
18) Methyl tert-butyl Ether	2.699	73	253400	48.946	ug/L	98
19) 1,1-Dichloroethane	3.111	63	139020	47.240	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	79134	49.395	ug/L	96
22) 2-Butanone	3.860	43	103393	78.662	ug/L	99
23) Bromochloromethane	4.146	128	40287	51.764	ug/L #	82
25) Chloroform	4.275	83	140935	50.510	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	119477	51.266	ug/L	99
29) Cyclohexane	4.584	56	125854	44.395	ug/L	94
30) 1,1,1-Trichloroethane	4.513	97	129935	53.844	ug/L	98
31) Carbon tetrachloride	4.735	117	113842	55.269	ug/L	99
33) Benzene	5.011	78	289331	48.987	ug/L	100
34) Trichloroethene	5.831	95	76992	48.596	ug/L	98
35) Methylcyclohexane	6.050	83	125046	46.119	ug/L	96
37) 1,2-Dichloropropane	6.092	63	74658	45.936	ug/L	98
38) Bromodichloromethane	6.432	83	106028	49.868	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	122086	44.983	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	210636	87.465	ug/L	98
42) Toluene	7.313	91	308970	49.487	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	120965	48.365	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	72320	49.042	ug/L	98
46) Tetrachloroethene	7.905	164	59486	51.190	ug/L	98
48) 2-Hexanone	8.072	43	154810	80.676	ug/L	97
49) Dibromochloromethane	8.175	129	77511	50.467	ug/L	100
50) 1,2-Dibromoethane	8.281	107	76622	49.167	ug/L #	98
51) Chlorobenzene	8.812	112	200378	50.384	ug/L	99
52) Ethylbenzene	8.944	91	352519	48.748	ug/L	100
53) m,p-Xylene	9.072	106	130122	48.740	ug/L	98
54) o-Xylene	9.477	106	131808	49.871	ug/L	100
55) Styrene	9.493	104	221370	48.513	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	108764	46.344	ug/L	100
59) Bromoform	9.664	173	53627	47.593	ug/L	97
60) Isopropylbenzene	9.866	105	354257	49.388	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	85448	45.414	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	300646	48.850	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	301101	49.101	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	159222	49.142	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	159916	49.224	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	158856	50.178	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	24152	44.483	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	118860	49.644	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	106876	49.181	ug/L	99
71) Naphthalene	13.439	128	252390	44.446	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	103477	51.016	ug/L	99

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

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