

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035373.D
 Acq On : 23 Apr 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Quant Time: Apr 23 23:32:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	419465	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	427814	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	239692	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	187504	46.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.580%
7) Chloroethane-d5	1.532	69	152451	43.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.660%
11) 1,1-Dichloroethene-d2	2.060	65	76901	43.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
21) 2-Butanone-d5	3.796	46	230936	96.121	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	4.246	84	340907	50.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.100%
26) 1,2-Dichloroethane-d4	4.937	65	204682	47.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	4.957	84	669717	46.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.986	67	206967	45.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.700%
41) Toluene-d8	7.239	98	617826	47.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	7.551	79	97587	43.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
47) 2-Hexanone-d5	8.024	63	135883	78.758	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.760%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	309551	49.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	248786	46.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	105942	34.847	ug/L	99
3) Chloromethane	1.217	50	123463	31.589	ug/L	99
5) Vinyl chloride	1.285	62	144397	35.242	ug/L	99
6) Bromomethane	1.491	94	82768	26.949	ug/L	100
8) Chloroethane	1.552	64	105221	37.601	ug/L	97
9) Trichlorofluoromethane	1.712	101	222711	41.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	149836	45.521	ug/L	96
12) 1,1-Dichloroethene	2.069	96	125079	39.732	ug/L	96
13) Acetone	2.127	43	174466	79.096	ug/L	100
14) Carbon disulfide	2.243	76	255032	28.767	ug/L	100
15) Methyl Acetate	2.378	43	183339	52.745	ug/L	97
16) Methylene chloride	2.449	84	173275	50.798	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	139010	45.673	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	550952	51.536	ug/L	99
19) 1,1-Dichloroethane	3.111	63	320288	51.316	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	178938	51.773	ug/L	93
22) 2-Butanone	3.876	43	245395	95.875	ug/L	98
23) Bromochloromethane	4.146	128	96064	55.554	ug/L	92
25) Chloroform	4.275	83	343017	55.587	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	250210	50.926	ug/L	98
29) Cyclohexane	4.580	56	194919	36.377	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	278804	49.996	ug/L	98
31) Carbon tetrachloride	4.732	117	237171	50.178	ug/L	99
33) Benzene	5.008	78	654656	46.927	ug/L	100
34) Trichloroethene	5.831	95	170990	45.417	ug/L	97
35) Methylcyclohexane	6.050	83	225302	39.625	ug/L	98
37) 1,2-Dichloropropane	6.092	63	195401	50.685	ug/L	98
38) Bromodichloromethane	6.429	83	261645	52.600	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292839	48.218	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	498735	101.323	ug/L	98
42) Toluene	7.313	91	715247	48.972	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	280868	50.339	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	201746	55.520	ug/L	99
46) Tetrachloroethene	7.902	164	132470	50.363	ug/L	97
48) 2-Hexanone	8.072	43	421925	100.785	ug/L	95
49) Dibromochloromethane	8.172	129	201492	55.987	ug/L	100
50) 1,2-Dibromoethane	8.278	107	204635	52.308	ug/L	98
51) Chlorobenzene	8.812	112	503300	53.170	ug/L	98
52) Ethylbenzene	8.944	91	799950	49.420	ug/L	99
53) m,p-Xylene	9.069	106	300812	50.463	ug/L	99
54) o-Xylene	9.474	106	299929	50.852	ug/L	99
55) Styrene	9.493	104	545458	54.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	342078	58.103	ug/L	99
59) Bromoform	9.661	173	152469	55.508	ug/L	99
60) Isopropylbenzene	9.863	105	831031	48.093	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	257930	49.659	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	528204	47.067	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	664222	47.872	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	419283	51.922	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	440431	53.633	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	447146	55.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	68210	47.668	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	310724	53.391	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	286343	53.563	ug/L	98
71) Naphthalene	13.435	128	628547	42.379	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	285541	54.187	ug/L	98

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

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