

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035347.D
 Acq On : 23 Apr 2024 09:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

Quant Time: Apr 23 23:21:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	413485	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	418091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	230229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197621	49.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.980%
7) Chloroethane-d5	1.532	69	163408	47.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.220%
11) 1,1-Dichloroethene-d2	2.060	65	81592	46.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.220%
21) 2-Butanone-d5	3.786	46	198991	84.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	4.246	84	343890	51.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	4.937	65	208030	48.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	4.957	84	682861	48.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	5.985	67	211976	47.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.060%
41) Toluene-d8	7.239	98	639065	50.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	7.548	79	92744	42.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.024	63	122334	72.554	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.550%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	301588	49.109	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.220%
66) 1,2-Dichlorobenzene-d4	11.558	152	243992	47.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	114706	38.276	ug/L	99
3) Chloromethane	1.217	50	137859	35.783	ug/L	100
5) Vinyl chloride	1.285	62	155527	38.507	ug/L	99
6) Bromomethane	1.487	94	137008	45.254	ug/L	98
8) Chloroethane	1.548	64	114592	41.542	ug/L	98
9) Trichlorofluoromethane	1.712	101	231830	43.733	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	151293	46.629	ug/L	97
12) 1,1-Dichloroethene	2.069	96	130891	42.179	ug/L	98
13) Acetone	2.117	43	160986	74.041	ug/L	99
14) Carbon disulfide	2.240	76	302712	34.639	ug/L	100
15) Methyl Acetate	2.371	43	191839	55.989	ug/L	98
16) Methylene chloride	2.445	84	184139	54.763	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	147566	49.185	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	558374	52.986	ug/L	99
19) 1,1-Dichloroethane	3.108	63	334276	54.331	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	184456	54.142	ug/L	95
22) 2-Butanone	3.867	43	225130	89.230	ug/L	99
23) Bromochloromethane	4.146	128	97683	57.307	ug/L	93
25) Chloroform	4.272	83	347926	57.197	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	258966	53.471	ug/L	98
29) Cyclohexane	4.580	56	207392	39.605	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	286788	52.623	ug/L	98
31) Carbon tetrachloride	4.731	117	241609	52.306	ug/L	100
33) Benzene	5.005	78	682675	50.074	ug/L	100
34) Trichloroethene	5.831	95	177240	48.172	ug/L	98
35) Methylcyclohexane	6.047	83	237338	42.712	ug/L	98
37) 1,2-Dichloropropane	6.088	63	201369	53.447	ug/L	99
38) Bromodichloromethane	6.429	83	268900	55.316	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	284137	47.873	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	482618	100.329	ug/L	98
42) Toluene	7.310	91	742493	52.020	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	274079	50.264	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	204046	57.459	ug/L	99
46) Tetrachloroethene	7.902	164	136018	52.915	ug/L	96
48) 2-Hexanone	8.072	43	377808	92.345	ug/L	96
49) Dibromochloromethane	8.172	129	205281	58.366	ug/L	100
50) 1,2-Dibromoethane	8.278	107	209708	54.851	ug/L	99
51) Chlorobenzene	8.808	112	502484	54.318	ug/L	99
52) Ethylbenzene	8.944	91	818865	51.765	ug/L	100
53) m,p-Xylene	9.069	106	307401	52.768	ug/L	100
54) o-Xylene	9.474	106	307513	53.351	ug/L	99
55) Styrene	9.493	104	557931	57.279	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	337632	58.681	ug/L	99
59) Bromoform	9.661	173	153189	58.062	ug/L	99
60) Isopropylbenzene	9.863	105	833567	50.222	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	253885	50.890	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	532855	49.433	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	673627	50.545	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	423380	54.585	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	439500	55.720	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	437513	56.623	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	65379	47.567	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	308851	55.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	275385	53.630	ug/L	99
71) Naphthalene	13.435	128	603715	42.377	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	279103	55.142	ug/L	99

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

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