

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083024\
 Data File : VV037191.D
 Acq On : 30 Aug 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

Quant Time: Aug 31 00:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 31 00:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	620563	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	599882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	309538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197370	34.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.540%
7) Chloroethane-d5	1.529	69	170866	38.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.900%
11) 1,1-Dichloroethene-d2	2.057	65	91493	38.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.700%
21) 2-Butanone-d5	3.786	46	185896	84.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.236	84	396580	44.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	4.931	65	238397	42.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
32) Benzene-d6	4.947	84	759200	41.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.979	67	241656	42.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.160%
41) Toluene-d8	7.233	98	677509	41.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.860%
43) trans-1,3-Dichloroprop...	7.545	79	108977	41.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.020%
47) 2-Hexanone-d5	8.021	63	126459	81.648	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.650%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	299315	43.488	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.980%
66) 1,2-Dichlorobenzene-d4	11.555	152	265050	42.754	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	270950	51.668	ug/L	100
3) Chloromethane	1.217	50	271087	45.966	ug/L	99
5) Vinyl chloride	1.282	62	280347	50.637	ug/L	99
6) Bromomethane	1.484	94	158442	51.073	ug/L	100
8) Chloroethane	1.548	64	175443	51.807	ug/L	98
9) Trichlorofluoromethane	1.712	101	371380	51.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	223131	51.924	ug/L	98
12) 1,1-Dichloroethene	2.066	96	203906	50.364	ug/L	97
13) Acetone	2.108	43	218554	92.701	ug/L	98
14) Carbon disulfide	2.237	76	584450	47.552	ug/L	99
15) Methyl Acetate	2.368	43	191613	48.478	ug/L	99
16) Methylene chloride	2.439	84	233252	51.063	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	216285	51.460	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	662109	50.079	ug/L	100
19) 1,1-Dichloroethane	3.101	63	435742	52.205	ug/L	98
20) cis-1,2-Dichloroethene	3.802	96	235408	50.688	ug/L	97
22) 2-Butanone	3.867	43	233286	89.871	ug/L	98
23) Bromochloromethane	4.134	128	117935	51.730	ug/L	96
25) Chloroform	4.265	83	426508	50.456	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	316899	51.107	ug/L	99
29) Cyclohexane	4.568	56	348234	49.372	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	351775	50.964	ug/L	100
31) Carbon tetrachloride	4.722	117	299695	51.455	ug/L	100
33) Benzene	4.999	78	891852	51.516	ug/L	100
34) Trichloroethene	5.822	95	232525	50.887	ug/L	98
35) Methylcyclohexane	6.037	83	374223	50.406	ug/L	98
37) 1,2-Dichloropropane	6.085	63	236692	50.998	ug/L	99
38) Bromodichloromethane	6.423	83	306521	51.528	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	375479	51.265	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	441164	93.497	ug/L	99
42) Toluene	7.307	91	943151	52.324	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	332780	50.832	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	219964	50.912	ug/L	99
46) Tetrachloroethene	7.896	164	169890	51.818	ug/L	98
48) 2-Hexanone	8.069	43	334751	91.733	ug/L	98
49) Dibromochloromethane	8.169	129	218982	50.618	ug/L	98
50) 1,2-Dibromoethane	8.275	107	219206	50.139	ug/L	98
51) Chlorobenzene	8.805	112	604316	50.641	ug/L	99
52) Ethylbenzene	8.937	91	1051420	51.641	ug/L	100
53) m,p-Xylene	9.066	106	395948	52.488	ug/L	99
54) o-Xylene	9.471	106	378328	51.222	ug/L	99
55) Styrene	9.487	104	671395	52.387	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	310821	48.575	ug/L	99
59) Bromoform	9.657	173	138880	48.183	ug/L	100
60) Isopropylbenzene	9.860	105	1040397	51.846	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	229159	47.591	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	846574	51.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	845697	51.616	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	467297	50.430	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	478847	50.490	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	460974	50.594	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52988	44.126	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	323990	50.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	300217	49.449	ug/L	99
71) Naphthalene	13.432	128	822743	46.930	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	290013	48.472	ug/L	97

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

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