

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037021.D
 Acq On : 26 Aug 2024 12:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050370

Quant Time: Aug 27 01:51:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:44:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	683317	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	661025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	332036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	301919	48.302	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.600%
7) Chloroethane-d5	1.532	69	229974	47.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.057	65	124634	47.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.793	46	243126	100.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	4.243	84	483041	49.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	4.937	65	302652	49.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.260%
32) Benzene-d6	4.954	84	973698	48.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
36) 1,2-Dichloropropane-d6	5.986	67	307542	49.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.240	98	886537	49.200	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.548	79	143719	49.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.360%
47) 2-Hexanone-d5	8.024	63	179272	105.041	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	379649	50.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	11.555	152	323038	48.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	278802	48.283	ug/L	99
3) Chloromethane	1.217	50	308938	47.573	ug/L	100
5) Vinyl chloride	1.282	62	295141	48.413	ug/L	98
6) Bromomethane	1.484	94	167066	48.907	ug/L	99
8) Chloroethane	1.548	64	178523	47.876	ug/L	100
9) Trichlorofluoromethane	1.712	101	388436	48.825	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	229499	48.501	ug/L	99
12) 1,1-Dichloroethene	2.069	96	217448	48.777	ug/L	99
13) Acetone	2.111	43	253468	97.637	ug/L	99
14) Carbon disulfide	2.237	76	650062	48.033	ug/L	99
15) Methyl Acetate	2.372	43	220545	50.674	ug/L	99
16) Methylene chloride	2.442	84	247064	49.120	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	227429	49.142	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	719333	49.411	ug/L	100
19) 1,1-Dichloroethane	3.105	63	447443	48.684	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	247447	48.387	ug/L	99
22) 2-Butanone	3.876	43	272131	95.208	ug/L	99
23) Bromochloromethane	4.143	128	124584	49.628	ug/L	99
25) Chloroform	4.272	83	451852	48.545	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	332910	48.758	ug/L	98
29) Cyclohexane	4.571	56	380209	48.919	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	366984	48.249	ug/L	99
31) Carbon tetrachloride	4.725	117	312917	48.756	ug/L	99
33) Benzene	5.005	78	942821	49.423	ug/L	100
34) Trichloroethene	5.828	95	243795	48.419	ug/L	99
35) Methylcyclohexane	6.043	83	402189	49.162	ug/L	99
37) 1,2-Dichloropropane	6.088	63	250884	49.056	ug/L	100
38) Bromodichloromethane	6.429	83	323189	49.305	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	387106	47.964	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	520688	100.144	ug/L	100
42) Toluene	7.310	91	983779	49.530	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	358399	49.681	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	232287	48.791	ug/L	99
46) Tetrachloroethene	7.899	164	178810	49.494	ug/L	97
48) 2-Hexanone	8.076	43	403146	100.257	ug/L	98
49) Dibromochloromethane	8.172	129	233008	48.878	ug/L	99
50) 1,2-Dibromoethane	8.278	107	235485	48.881	ug/L	100
51) Chlorobenzene	8.809	112	632184	48.077	ug/L	100
52) Ethylbenzene	8.940	91	1118864	49.871	ug/L	99
53) m,p-Xylene	9.069	106	416605	50.118	ug/L	98
54) o-Xylene	9.474	106	402819	49.493	ug/L	99
55) Styrene	9.490	104	703962	49.847	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	349808	49.611	ug/L	100
59) Bromoform	9.661	173	154393	49.935	ug/L	100
60) Isopropylbenzene	9.863	105	1100754	51.137	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	261239	50.577	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	903654	51.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	904733	51.477	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	487879	49.084	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	502952	49.439	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	478236	48.933	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	65891	51.153	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	342538	49.527	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	323861	49.729	ug/L	100
71) Naphthalene	13.432	128	1002730	53.321	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	324350	50.538	ug/L	100

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

