

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042676.D
 Acq On : 29 Jul 2024 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050767

Quant Time: Jul 29 11:59:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 03:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	186860	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	166759	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	79868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	46283	40.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.540%
7) Chloroethane-d5	1.648	69	21985	46.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.300	65	24655	44.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
21) 2-Butanone-d5	4.458	46	88281	104.922	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	5.050	84	123804	49.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	5.952	65	81063	50.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
32) Benzene-d6	5.964	84	230886	49.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
36) 1,2-Dichloropropane-d6	7.305	67	70471	51.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.900%
41) Toluene-d8	8.647	98	209287	50.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.880%
43) trans-1,3-Dichloroprop...	8.951	79	33577	52.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.760%
47) 2-Hexanone-d5	9.384	63	62576	102.180	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101851	51.644	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.280%
66) 1,2-Dichlorobenzene-d4	12.317	152	72874	48.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	86425	52.350	ug/L	100
3) Chloromethane	1.300	50	66292	48.559	ug/L	99
5) Vinyl chloride	1.374	62	64734	49.882	ug/L	97
6) Bromomethane	1.599	94	21703	53.451	ug/L	96
8) Chloroethane	1.666	64	26276	55.302	ug/L	97
9) Trichlorofluoromethane	1.873	101	92836	50.540	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	71398	54.091	ug/L	100
12) 1,1-Dichloroethene	2.312	96	63221	52.335	ug/L	97
13) Acetone	2.386	43	83467	126.907	ug/L	99
14) Carbon disulfide	2.508	76	155785	52.817	ug/L	99
15) Methyl Acetate	2.709	43	72763	49.910	ug/L	98
16) Methylene chloride	2.788	84	69926	50.123	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	65946	53.195	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	227763	53.006	ug/L	99
19) 1,1-Dichloroethane	3.605	63	124964	52.795	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	75554	53.358	ug/L	98
22) 2-Butanone	4.568	43	109874	109.689	ug/L	97
23) Bromochloromethane	4.897	128	33495	49.954	ug/L	93
25) Chloroform	5.086	83	133741	52.993	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	108349	54.055	ug/L	96
29) Cyclohexane	5.464	56	106903	54.227	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	118349	55.561	ug/L	99
31) Carbon tetrachloride	5.672	117	100342	55.771	ug/L	100
33) Benzene	6.031	78	272394	53.376	ug/L	100
34) Trichloroethene	7.123	95	73798	54.126	ug/L	97
35) Methylcyclohexane	7.373	83	115709	56.071	ug/L	98
37) 1,2-Dichloropropane	7.427	63	71730	54.082	ug/L	99
38) Bromodichloromethane	7.818	83	94378	55.055	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	111253	54.647	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	191147	104.750	ug/L	98
42) Toluene	8.714	91	290972	55.357	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	104896	56.840	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	71864	53.646	ug/L	98
46) Tetrachloroethene	9.269	164	51735	55.639	ug/L	95
48) 2-Hexanone	9.433	43	150699	106.186	ug/L	97
49) Dibromochloromethane	9.518	129	71355	57.043	ug/L	94
50) 1,2-Dibromoethane	9.610	107	75434	54.143	ug/L	98
51) Chlorobenzene	10.079	112	184946	54.411	ug/L	98
52) Ethylbenzene	10.195	91	319079	55.346	ug/L	98
53) m,p-Xylene	10.299	106	124920	57.518	ug/L	98
54) o-Xylene	10.640	106	119004	55.082	ug/L	99
55) Styrene	10.652	104	204870	56.885	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	112474	52.504	ug/L	97
59) Bromoform	10.799	173	47199	52.660	ug/L	98
60) Isopropylbenzene	10.963	105	316344	52.420	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	90048	48.734	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	268765	53.549	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	265374	53.548	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	130661	50.342	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	134199	51.335	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	133443	51.058	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	24693	50.163	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	84482	52.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	75075	53.179	ug/L	100
71) Naphthalene	13.774	128	280647	51.535	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	77520	53.010	ug/L	99

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

