

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042528.D
 Acq On : 24 Jul 2024 19:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050757

Quant Time: Jul 25 04:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 01:37:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	181677	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	39749	37.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.180%		
7) Chloroethane-d5	1.648	69	27666	41.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.100%		
11) 1,1-Dichloroethene-d2	2.300	65	21652	46.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.560%		
21) 2-Butanone-d5	4.465	46	81193	106.544	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.540%		
24) Chloroform-d	5.056	84	112852	53.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.160%		
26) 1,2-Dichloroethane-d4	5.958	65	69111	55.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.140%		
32) Benzene-d6	5.971	84	217637	48.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
36) 1,2-Dichloropropane-d6	7.306	67	67546	49.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.280%		
41) Toluene-d8	8.647	98	207664	49.280	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.560%		
43) trans-1,3-Dichloroprop...	8.952	79	29916	50.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.740%		
47) 2-Hexanone-d5	9.385	63	64683	104.715	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.710%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101581	50.491	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.980%		
66) 1,2-Dichlorobenzene-d4	12.317	152	92911	51.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	58240	44.817	ug/L	99
3) Chloromethane	1.301	50	48457	36.899	ug/L	99
5) Vinyl chloride	1.374	62	46166	35.742	ug/L	99
6) Bromomethane	1.599	94	25554	36.308	ug/L	98
8) Chloroethane	1.666	64	25268	39.247	ug/L	96
9) Trichlorofluoromethane	1.874	101	75115	44.684	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	59493	51.353	ug/L	99
12) 1,1-Dichloroethene	2.313	96	50637	46.145	ug/L	86
13) Acetone	2.386	43	55597	106.945	ug/L	100
14) Carbon disulfide	2.502	76	83363	30.536	ug/L	100
15) Methyl Acetate	2.709	43	69238	52.418	ug/L	99
16) Methylene chloride	2.788	84	61770	45.624	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	52794	46.776	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	201765	54.666	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107972	53.273	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	68664	51.784	ug/L	97
22) 2-Butanone	4.568	43	98699	113.420	ug/L	99
23) Bromochloromethane	4.904	128	36736	51.841	ug/L	98
25) Chloroform	5.093	83	119283	56.131	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89471	56.813	ug/L	98
29) Cyclohexane	5.465	56	79755	42.183	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	101219	53.143	ug/L	99
31) Carbon tetrachloride	5.672	117	87647	52.682	ug/L	99
33) Benzene	6.038	78	236057	48.252	ug/L	100
34) Trichloroethene	7.123	95	64678	50.471	ug/L	96
35) Methylcyclohexane	7.379	83	88867	45.736	ug/L	99
37) 1,2-Dichloropropane	7.428	63	65748	52.378	ug/L	99
38) Bromodichloromethane	7.824	83	84837	55.192	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	98681	53.391	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	199353	111.345	ug/L	99
42) Toluene	8.720	91	264052	50.584	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90895	54.851	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	73617	54.812	ug/L	97
46) Tetrachloroethene	9.275	164	59851	49.897	ug/L	98
48) 2-Hexanone	9.433	43	151396	107.678	ug/L	99
49) Dibromochloromethane	9.519	129	75848	55.450	ug/L	99
50) 1,2-Dibromoethane	9.610	107	76073	52.738	ug/L	98
51) Chlorobenzene	10.080	112	185358	51.728	ug/L	98
52) Ethylbenzene	10.195	91	295775	52.140	ug/L	99
53) m,p-Xylene	10.299	106	118970	52.104	ug/L	97
54) o-Xylene	10.640	106	120854	52.988	ug/L	99
55) Styrene	10.653	104	203817	53.630	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	114849	53.278	ug/L	99
59) Bromoform	10.799	173	64120	54.626	ug/L	99
60) Isopropylbenzene	10.964	105	315549	53.821	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	88366	53.142	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	237285	53.224	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	255749	53.527	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	156401	53.192	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	157194	52.851	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	161478	53.350	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	23686	55.644	ug/L	98
69) 1,3,5-Trichlorobenzene	13.110	180	117616	55.054	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	106434	54.774	ug/L	98
71) Naphthalene	13.774	128	334806	55.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112632	54.854	ug/L	97

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

