

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040965.D
 Acq On : 11 Apr 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050727

Quant Time: Apr 12 01:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	303488	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	300863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	181507	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102893	47.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.340%		
7) Chloroethane-d5	1.666	69	86502	49.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.280%		
11) 1,1-Dichloroethene-d2	2.307	65	42497	46.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.220%		
21) 2-Butanone-d5	4.446	46	109556	93.172	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.170%		
24) Chloroform-d	5.056	84	187758	46.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
26) 1,2-Dichloroethane-d4	5.952	65	118929	45.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.780%		
32) Benzene-d6	5.971	84	365005	44.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
36) 1,2-Dichloropropane-d6	7.306	67	104620	43.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.840%		
41) Toluene-d8	8.647	98	361620	45.318	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.640%		
43) trans-1,3-Dichloroprop...	8.946	79	55565	46.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.700%		
47) 2-Hexanone-d5	9.378	63	89652	89.263	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.260%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	164737	46.684	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.360%		
66) 1,2-Dichlorobenzene-d4	12.317	152	165468	45.446	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	101649	50.865	ug/L	99
3) Chloromethane	1.301	50	98641	51.997	ug/L	99
5) Vinyl chloride	1.374	62	116531	51.118	ug/L	98
6) Bromomethane	1.605	94	78187	56.728	ug/L	98
8) Chloroethane	1.685	64	74387	52.442	ug/L	96
9) Trichlorofluoromethane	1.886	101	183194	51.006	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	104081	50.707	ug/L	99
12) 1,1-Dichloroethene	2.319	96	90541	49.665	ug/L	92
13) Acetone	2.374	43	122054	95.769	ug/L	99
14) Carbon disulfide	2.508	76	231532	50.538	ug/L	99
15) Methyl Acetate	2.697	43	105075	47.492	ug/L	100
16) Methylene chloride	2.788	84	96705	50.894	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	92735	49.142	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	290400	49.028	ug/L	99
19) 1,1-Dichloroethane	3.605	63	165496	49.376	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	105916	49.265	ug/L	98
22) 2-Butanone	4.550	43	160712	96.336	ug/L	99
23) Bromochloromethane	4.891	128	58945	50.432	ug/L	99
25) Chloroform	5.087	83	181326	49.364	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	146738	49.701	ug/L	98
29) Cyclohexane	5.465	56	146538	48.618	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	161657	47.946	ug/L	98
31) Carbon tetrachloride	5.672	117	148151	48.218	ug/L	99
33) Benzene	6.031	78	371738	47.623	ug/L	100
34) Trichloroethene	7.123	95	105947	47.314	ug/L	96
35) Methylcyclohexane	7.379	83	153458	48.323	ug/L	100
37) 1,2-Dichloropropane	7.428	63	94992	47.014	ug/L	99
38) Bromodichloromethane	7.818	83	136390	48.151	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	159821	48.414	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	295650	96.618	ug/L	100
42) Toluene	8.714	91	423296	48.967	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	152645	49.480	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	104810	47.756	ug/L	99
46) Tetrachloroethene	9.269	164	102460	48.583	ug/L	97
48) 2-Hexanone	9.427	43	241417	98.208	ug/L	99
49) Dibromochloromethane	9.519	129	122614	49.535	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115997	48.993	ug/L	97
51) Chlorobenzene	10.080	112	300022	49.524	ug/L	97
52) Ethylbenzene	10.189	91	489092	49.865	ug/L	98
53) m,p-Xylene	10.299	106	195247	49.925	ug/L	99
54) o-Xylene	10.640	106	188942	50.098	ug/L	99
55) Styrene	10.653	104	330313	50.943	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	170620	50.178	ug/L	98
59) Bromoform	10.799	173	107723	48.359	ug/L	99
60) Isopropylbenzene	10.957	105	517906	48.807	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130628	47.132	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	427822	50.012	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	429141	49.838	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	273961	49.203	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	278850	48.785	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	265921	49.233	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	37571	47.401	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	214271	50.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	196892	48.726	ug/L	99
71) Naphthalene	13.774	128	540307	48.793	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	190881	48.166	ug/L	100

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

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