

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042432.D
 Acq On : 20 Jul 2024 02:57
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

Quant Time: Jul 20 05:15:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277520	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61425	38.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.060%		
7) Chloroethane-d5	1.648	69	37554	36.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.840%		
11) 1,1-Dichloroethene-d2	2.300	65	32688	46.237	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.480%		
21) 2-Butanone-d5	4.465	46	108817	93.479	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.480%		
24) Chloroform-d	5.056	84	151589	46.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.340%		
26) 1,2-Dichloroethane-d4	5.952	65	88960	46.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.800%		
32) Benzene-d6	5.970	84	309732	47.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.680%		
36) 1,2-Dichloropropane-d6	7.305	67	93835	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.320%		
41) Toluene-d8	8.647	98	281211	46.607	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.220%		
43) trans-1,3-Dichloroprop...	8.952	79	36009	42.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.520%		
47) 2-Hexanone-d5	9.384	63	81672	92.342	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.340%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131246	45.561	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	116590	45.727	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	88434	44.550	ug/L	99
3) Chloromethane	1.294	50	86417	43.079	ug/L	99
5) Vinyl chloride	1.374	62	79405	40.245	ug/L	100
6) Bromomethane	1.599	94	36161	33.635	ug/L	98
8) Chloroethane	1.666	64	39371	40.033	ug/L	97
9) Trichlorofluoromethane	1.874	101	104376	40.647	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84458	47.725	ug/L	98
12) 1,1-Dichloroethene	2.312	96	78280	46.699	ug/L	84
13) Acetone	2.386	43	78444	98.781	ug/L	96
14) Carbon disulfide	2.508	76	160949	38.595	ug/L	98
15) Methyl Acetate	2.709	43	100141	49.631	ug/L	98
16) Methylene chloride	2.788	84	89172	43.117	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	79355	46.027	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	279329	49.545	ug/L	99
19) 1,1-Dichloroethane	3.605	63	155117	50.103	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	97516	48.145	ug/L	99
22) 2-Butanone	4.562	43	132120	99.392	ug/L	100
23) Bromochloromethane	4.903	128	50339	46.504	ug/L	97
25) Chloroform	5.092	83	161539	49.764	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	119785	49.793	ug/L	99
29) Cyclohexane	5.464	56	131264	48.488	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	135383	49.643	ug/L	99
31) Carbon tetrachloride	5.672	117	116670	48.977	ug/L	100
33) Benzene	6.037	78	349486	49.893	ug/L	100
34) Trichloroethene	7.123	95	88338	48.144	ug/L	97
35) Methylcyclohexane	7.379	83	133017	47.811	ug/L	98
37) 1,2-Dichloropropane	7.427	63	92665	51.558	ug/L	99
38) Bromodichloromethane	7.824	83	109096	49.569	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	123548	46.685	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	260606	101.658	ug/L	98
42) Toluene	8.720	91	367721	49.198	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	112939	47.599	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	95730	49.780	ug/L	96
46) Tetrachloroethene	9.275	164	84062	48.945	ug/L	99
48) 2-Hexanone	9.433	43	196600	97.657	ug/L	98
49) Dibromochloromethane	9.518	129	93306	47.641	ug/L	98
50) 1,2-Dibromoethane	9.610	107	100058	48.446	ug/L	99
51) Chlorobenzene	10.079	112	244923	47.736	ug/L	99
52) Ethylbenzene	10.195	91	394402	48.558	ug/L	100
53) m,p-Xylene	10.299	106	155940	47.698	ug/L	99
54) o-Xylene	10.640	106	157884	48.346	ug/L	98
55) Styrene	10.652	104	264987	48.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	149935	48.577	ug/L	99
59) Bromoform	10.799	173	76770	46.656	ug/L	99
60) Isopropylbenzene	10.963	105	406948	49.514	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	115640	49.610	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	305544	48.890	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	327387	48.880	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	196110	47.579	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	196778	47.196	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	205060	48.330	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	28412	47.615	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	141332	47.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	120525	44.247	ug/L	99
71) Naphthalene	13.774	128	389203	46.220	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	119329	41.457	ug/L	99

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

