

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042176.D
 Acq On : 03 Jul 2024 20:38
 Operator : JC/MD
 Sample : VSTD10009
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100609

Quant Time: Jul 04 04:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274230	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	160049	102.395	ug/L	0.00
7) Chloroethane-d5	1.642	69	96971	86.804	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	70549	93.537	ug/L	0.00
21) 2-Butanone-d5	4.465	46	229868	200.820	ug/L	0.00
24) Chloroform-d	5.056	84	320968	95.188	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	189708	79.940	ug/L	0.00
32) Benzene-d6	5.970	84	659330	95.115	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	198457	95.586	ug/L	0.00
41) Toluene-d8	8.647	98	616607	86.573	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	91930	90.327	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	194459	202.257	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	298794	92.343	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	276029	96.147	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	188983	99.119	ug/L	100
3) Chloromethane	1.301	50	191360	113.570	ug/L	98
5) Vinyl chloride	1.374	62	189116	110.038	ug/L	99
6) Bromomethane	1.593	94	103739	90.528	ug/L	100
8) Chloroethane	1.660	64	86894	89.764	ug/L	99
9) Trichlorofluoromethane	1.868	101	230773	79.638	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	168391	95.064	ug/L	100
12) 1,1-Dichloroethene	2.307	96	161807	101.793	ug/L	91
13) Acetone	2.392	43	143043	128.298	ug/L	96
14) Carbon disulfide	2.502	76	419673	108.368	ug/L	99
15) Methyl Acetate	2.709	43	190524	96.010	ug/L	98
16) Methylene chloride	2.782	84	183104	102.324	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	165952	101.772	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	545806	98.771	ug/L	99
19) 1,1-Dichloroethane	3.605	63	297194	98.699	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	193952	102.333	ug/L	99
22) 2-Butanone	4.568	43	261544	180.790	ug/L	99
23) Bromochloromethane	4.904	128	105848	104.620	ug/L	98
25) Chloroform	5.093	83	312140	96.414	ug/L	100
27) 1,2-Dichloroethane	6.086	62	227512	86.221	ug/L	100
29) Cyclohexane	5.464	56	270278	95.129	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	270864	91.176	ug/L	100
31) Carbon tetrachloride	5.672	117	242277	92.187	ug/L	100
33) Benzene	6.038	78	685419	95.452	ug/L	100
34) Trichloroethene	7.123	95	181794	93.003	ug/L	98
35) Methylcyclohexane	7.379	83	279062	92.249	ug/L	99
37) 1,2-Dichloropropane	7.428	63	175693	96.764	ug/L	100
38) Bromodichloromethane	7.824	83	224917	93.052	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	278211	93.865	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	524122	182.214	ug/L	100
42) Toluene	8.720	91	739349	94.431	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	252503	92.048	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	190729	95.067	ug/L	98
46) Tetrachloroethene	9.275	164	171178	91.366	ug/L	99
48) 2-Hexanone	9.433	43	411209	180.831	ug/L	99
49) Dibromochloromethane	9.519	129	206490	102.141	ug/L	99
50) 1,2-Dibromoethane	9.610	107	207030	99.316	ug/L	98
51) Chlorobenzene	10.079	112	509132	97.614	ug/L	99
52) Ethylbenzene	10.195	91	816547	95.461	ug/L	100
53) m,p-Xylene	10.299	106	328767	94.633	ug/L	100
54) o-Xylene	10.640	106	329779	93.178	ug/L	99
55) Styrene	10.653	104	564526	95.538	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	306660	92.636	ug/L	99
59) Bromoform	10.799	173	180945	107.735	ug/L	100
60) Isopropylbenzene	10.964	105	849581	97.407	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	232985	95.428	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	662216	109.175	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	716854	100.096	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	433095	96.993	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	433226	96.200	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	438593	95.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	65683	99.758	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	329403	97.332	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	302901	99.239	ug/L	99
71) Naphthalene	13.774	128	937022	103.851	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	315339	100.962	ug/L	99

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

