

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040604.D
 Acq On : 06 Mar 2024 14:45
 Operator : JC/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200666

Quant Time: Mar 07 01:18:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152974	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	147999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	275189	220.628	ug/L	0.00
7) Chloroethane-d5	1.648	69	224217	239.202	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.300	65	124645	228.488	ug/L	0.00
21) 2-Butanone-d5	4.458	46	446245	411.601	ug/L	0.00
24) Chloroform-d	5.056	84	536273	240.227	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	379318	254.730	ug/L	0.00
32) Benzene-d6	5.976	84	943583	204.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	295054	199.342	ug/L	0.00
41) Toluene-d8	8.653	98	889453	210.110	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	168997	222.715	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	357024	412.565	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	461650	218.318	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	326882	206.713	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	286254	228.961	ug/L	100
3) Chloromethane	1.294	50	248062	196.816	ug/L	98
5) Vinyl chloride	1.374	62	266947	210.629	ug/L	97
6) Bromomethane	1.599	94	108082	157.490	ug/L	99
8) Chloroethane	1.672	64	160754	221.610	ug/L	93
9) Trichlorofluoromethane	1.880	101	375118	226.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	218479	208.862	ug/L	99
12) 1,1-Dichloroethene	2.313	96	197108	202.032	ug/L	90
13) Acetone	2.386	43	283142	289.751	ug/L	99
14) Carbon disulfide	2.508	76	584773	191.829	ug/L	99
15) Methyl Acetate	2.703	43	259183	180.678	ug/L	99
16) Methylene chloride	2.788	84	210567	189.536	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	202135	198.555	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	724014	202.550	ug/L	100
19) 1,1-Dichloroethane	3.611	63	399685	197.666	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	231251	196.452	ug/L	97
22) 2-Butanone	4.562	43	399364	328.664	ug/L	99
23) Bromochloromethane	4.897	128	113447	201.936	ug/L	98
25) Chloroform	5.093	83	435939	211.648	ug/L	99
27) 1,2-Dichloroethane	6.086	62	392502	234.889	ug/L	100
29) Cyclohexane	5.470	56	346822	174.826	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	396212	219.328	ug/L	99
31) Carbon tetrachloride	5.678	117	337753	223.835	ug/L	99
33) Benzene	6.037	78	830550	182.227	ug/L	100
34) Trichloroethene	7.123	95	242904	197.470	ug/L	97
35) Methylcyclohexane	7.379	83	358789	179.605	ug/L	99
37) 1,2-Dichloropropane	7.427	63	224818	179.144	ug/L	100
38) Bromodichloromethane	7.824	83	337404	213.278	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	397369	196.451	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	803116	380.407	ug/L	99
42) Toluene	8.720	91	921028	188.822	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	397174	209.917	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	228908	194.551	ug/L	98
46) Tetrachloroethene	9.275	164	172842	209.377	ug/L	97
48) 2-Hexanone	9.433	43	661000	376.467	ug/L	99
49) Dibromochloromethane	9.525	129	257117	221.425	ug/L	97
50) 1,2-Dibromoethane	9.610	107	255903	202.747	ug/L	96
51) Chlorobenzene	10.079	112	592505	195.687	ug/L	99
52) Ethylbenzene	10.195	91	1103232	200.946	ug/L	98
53) m,p-Xylene	10.305	106	408363	200.223	ug/L	90
54) o-Xylene	10.640	106	399692	204.120	ug/L	99
55) Styrene	10.659	104	716768	213.236	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	394436	194.491	ug/L	99
59) Bromoform	10.799	173	207506	215.116	ug/L	100
60) Isopropylbenzene	10.963	105	1095634	185.662	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	324379	184.081	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	956808	192.218	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	974004	198.603	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	496447	199.316	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	498852	196.583	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	436460	181.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	98767	182.896	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.115	180	323761	192.888	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	289830	181.398	ug/L	99
71) Naphthalene	13.774	128	1002061	185.602	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	303004	195.547	ug/L	99

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

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