

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043677.D
 Acq On : 04 Nov 2024 12:18
 Operator : JC/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100633

Quant Time: Nov 05 03:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:09:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/07/2024
 Supervised By : Mahesh Dadoda 11/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	312447	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	130346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	177149	106.426	ug/L	0.00
7) Chloroethane-d5	1.642	69	75575	105.629	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	84232	109.620	ug/L	0.00
21) 2-Butanone-d5	4.465	46	225740	208.311	ug/L	0.00
24) Chloroform-d	5.050	84	387320	107.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	232528	102.007	ug/L	0.00
32) Benzene-d6	5.964	84	740276	106.005	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	223237	105.072	ug/L	0.00
41) Toluene-d8	8.647	98	659156	103.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	112495	112.234	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	178458	212.242	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	287391	105.425	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	233068	103.201	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	233268	106.005	ug/L	99
3) Chloromethane	1.294	50	223942	104.716	ug/L	99
5) Vinyl chloride	1.374	62	222130	106.038	ug/L	97
6) Bromomethane	1.593	94	87122	107.325	ug/L	99
8) Chloroethane	1.660	64	76566m	119.297	ug/L	
9) Trichlorofluoromethane	1.867	101	294345	110.725	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	195080	106.849	ug/L	100
12) 1,1-Dichloroethene	2.306	96	182127	109.273	ug/L	89
13) Acetone	2.386	43	209650	206.830	ug/L	99
14) Carbon disulfide	2.501	76	418004	113.450	ug/L	100
15) Methyl Acetate	2.703	43	224227	104.614	ug/L	98
16) Methylene chloride	2.782	84	213088	105.823	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	195344	108.943	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	726780	106.622	ug/L	100
19) 1,1-Dichloroethane	3.605	63	384673	108.945	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	236169	106.042	ug/L	98
22) 2-Butanone	4.562	43	311072	215.420	ug/L	99
23) Bromochloromethane	4.897	128	120236	107.400	ug/L	97
25) Chloroform	5.086	83	408986	107.941	ug/L	97
27) 1,2-Dichloroethane	6.080	62	313021	106.891	ug/L	96
29) Cyclohexane	5.458	56	336528	107.373	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	355061	108.511	ug/L	100
31) Carbon tetrachloride	5.672	117	296217	110.348	ug/L	100
33) Benzene	6.031	78	824635	107.108	ug/L	100
34) Trichloroethene	7.123	95	223715	108.083	ug/L	98
35) Methylcyclohexane	7.373	83	334315	108.107	ug/L	98
37) 1,2-Dichloropropane	7.427	63	216835	105.729	ug/L	99
38) Bromodichloromethane	7.818	83	287566	110.242	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	368966	111.979	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	598794	214.514	ug/L	100
42) Toluene	8.714	91	851750	105.181	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	334436	110.433	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	220879	105.029	ug/L	98
46) Tetrachloroethene	9.269	164	158775	106.569	ug/L	98
48) 2-Hexanone	9.433	43	443036	212.329	ug/L	99
49) Dibromochloromethane	9.519	129	222428	113.473	ug/L	98
50) 1,2-Dibromoethane	9.610	107	229006	105.464	ug/L	98
51) Chlorobenzene	10.079	112	553095	104.508	ug/L	99
52) Ethylbenzene	10.189	91	941007	106.905	ug/L	99
53) m,p-Xylene	10.299	106	359392	105.770	ug/L	97
54) o-Xylene	10.640	106	359010	105.981	ug/L	99
55) Styrene	10.652	104	613444	108.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	330730	105.003	ug/L	100
59) Bromoform	10.799	173	152637	111.953	ug/L	97
60) Isopropylbenzene	10.963	105	933112	103.243	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	255234	100.879	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	796878	104.896	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	794415	105.026	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	421393	105.996	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	416892	104.114	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	422607	104.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	69929	110.380	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	278518	105.040	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	263321	108.309	ug/L	100
71) Naphthalene	13.774	128	962490	106.608	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	267487	106.457	ug/L	100

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

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