

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043678.D
 Acq On : 04 Nov 2024 12:41
 Operator : JC/MD
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200634

Quant Time: Nov 05 03:13:08 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	286700	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245351	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	119805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	325482	213.102	ug/L	0.00
7) Chloroethane-d5	1.648	69	137161	208.921	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	152142	215.780	ug/L	0.00
21) 2-Butanone-d5	4.471	46	403437	405.722	ug/L	0.01
24) Chloroform-d	5.050	84	709871	215.595	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	424820	203.098	ug/L	0.00
32) Benzene-d6	5.964	84	1337164	210.799	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	406456	210.613	ug/L	0.00
41) Toluene-d8	8.647	98	1195108	207.400	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	208108	228.577	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	330913	433.273	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	515131	208.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	423790	204.161	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	449984	222.852	ug/L	100
3) Chloromethane	1.295	50	433782	221.054	ug/L	99
5) Vinyl chloride	1.374	62	428383	222.861	ug/L	97
6) Bromomethane	1.593	94	164554	220.918	ug/L	100
8) Chloroethane	1.660	64	141771m	240.731	ug/L	
9) Trichlorofluoromethane	1.861	101	492981	202.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	379397	226.464	ug/L	99
12) 1,1-Dichloroethene	2.307	96	342575	223.998	ug/L	88
13) Acetone	2.392	43	394390	424.027	ug/L	99
14) Carbon disulfide	2.496	76	853335	252.401	ug/L	100
15) Methyl Acetate	2.709	43	435445	221.403	ug/L	99
16) Methylene chloride	2.782	84	407678	220.642	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	376893	229.068	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	1390808	222.362	ug/L	100
19) 1,1-Dichloroethane	3.599	63	733449	226.377	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	461243	225.702	ug/L	99
22) 2-Butanone	4.562	43	592366	447.058	ug/L	99
23) Bromochloromethane	4.891	128	230838	224.712	ug/L	96
25) Chloroform	5.087	83	778701	223.975	ug/L	98
27) 1,2-Dichloroethane	6.080	62	589868	219.519	ug/L	97
29) Cyclohexane	5.458	56	630775	221.565	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	679738	228.699	ug/L	99
31) Carbon tetrachloride	5.666	117	580792	238.192	ug/L	99
33) Benzene	6.031	78	1549257	221.531	ug/L	100
34) Trichloroethene	7.117	95	422603	224.774	ug/L	98
35) Methylcyclohexane	7.373	83	633494	225.524	ug/L	99
37) 1,2-Dichloropropane	7.428	63	412519	221.443	ug/L	100
38) Bromodichloromethane	7.818	83	567914	239.687	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	717043	239.578	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	1146549	452.192	ug/L	99
42) Toluene	8.714	91	1603395	217.981	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	660696	240.182	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	415253	217.381	ug/L	98
46) Tetrachloroethene	9.269	164	298100	220.274	ug/L	99
48) 2-Hexanone	9.433	43	852992	450.058	ug/L	99
49) Dibromochloromethane	9.519	129	440349	247.317	ug/L	100
50) 1,2-Dibromoethane	9.610	107	440527	223.349	ug/L	97
51) Chlorobenzene	10.080	112	1063184	221.162	ug/L	100
52) Ethylbenzene	10.195	91	1771747	221.596	ug/L	98
53) m,p-Xylene	10.299	106	685411	222.074	ug/L	97
54) o-Xylene	10.640	106	678607	220.542	ug/L	98
55) Styrene	10.653	104	1163597	227.329	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	629050	219.871	ug/L	99
59) Bromoform	10.799	173	310135	247.486	ug/L	97
60) Isopropylbenzene	10.964	105	1750983	210.780	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	477530	205.345	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1486389	212.873	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1492027	214.609	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	797293	218.195	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	803342	218.277	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	799796	214.186	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	142528	244.768	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	561150	230.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	534411	239.153	ug/L	99
71) Naphthalene	13.774	128	1931997	232.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	531929	230.328	ug/L	100

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

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