

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043674.D
 Acq On : 04 Nov 2024 11:09
 Operator : JC/MD
 Sample : VSTD00530
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005630

Quant Time: Nov 05 03:10:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.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	326218	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	283127	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	125039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	8044	4.629	ug/L	0.00
7) Chloroethane-d5	1.648	69	3710	4.966	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	3647	4.546	ug/L	0.00
21) 2-Butanone-d5	4.477	46	10637	9.401	ug/L	0.02
24) Chloroform-d	5.056	84	17069	4.556	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	12156	5.108	ug/L	0.00
32) Benzene-d6	5.964	84	33216	4.538	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	10655	4.784	ug/L	0.00
41) Toluene-d8	8.647	98	31032	4.667	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	4467m	4.252	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	7709	8.747	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	13445	4.705	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	10721	4.949	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9818	4.273	ug/L	92
3) Chloromethane	1.294	50	9956	4.459	ug/L	92
5) Vinyl chloride	1.374	62	9528	4.356	ug/L	95
6) Bromomethane	1.593	94	3586	4.231	ug/L	99
8) Chloroethane	1.660	64	3303m	4.929	ug/L	
9) Trichlorofluoromethane	1.868	101	12250	4.414	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	8073	4.235	ug/L	97
12) 1,1-Dichloroethene	2.306	96	7456	4.285	ug/L	91
13) Acetone	2.386	43	9891	9.346	ug/L	98
14) Carbon disulfide	2.502	76	15429	4.011	ug/L	98
15) Methyl Acetate	2.703	43	10011	4.473	ug/L	100
16) Methylene chloride	2.782	84	9427	4.484	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	7707	4.117	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	30893	4.341	ug/L	98
19) 1,1-Dichloroethane	3.605	63	15546	4.217	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	10204	4.388	ug/L	90
22) 2-Butanone	4.580	43	13413m	8.897	ug/L	
23) Bromochloromethane	4.904	128	5188	4.439	ug/L	75
25) Chloroform	5.093	83	16859	4.262	ug/L	96
27) 1,2-Dichloroethane	6.086	62	13564	4.436	ug/L	99
29) Cyclohexane	5.458	56	13779	4.194	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	14352	4.184	ug/L #	86
31) Carbon tetrachloride	5.666	117	11105	3.947	ug/L	100
33) Benzene	6.031	78	34590	4.286	ug/L	100
35) Methylcyclohexane	7.373	83	12994	4.009	ug/L	96
37) 1,2-Dichloropropane	7.428	63	9291	4.322	ug/L #	90
38) Bromodichloromethane	7.818	83	10931	3.998	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	14404m	4.171	ug/L	
40) 4-Methyl-2-pentanone	8.580	43	24433	8.351	ug/L	98
42) Toluene	8.714	91	37262	4.390	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	12596m	3.968	ug/L	
45) 1,1,2-Trichloroethane	9.147	97	9671	4.387	ug/L	93

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46) Tetrachloroethene	9.275	164	6864	4.395	ug/L	93
48) 2-Hexanone	9.433	43	18322	8.377	ug/L	98
49) Dibromochloromethane	9.519	129	7621	3.709	ug/L	100
50) 1,2-Dibromoethane	9.610	107	9585	4.211	ug/L #	98
51) Chlorobenzene	10.079	112	23968	4.321	ug/L	99
52) Ethylbenzene	10.195	91	38705	4.195	ug/L	96
53) m,p-Xylene	10.299	106	14830	4.164	ug/L	88
54) o-Xylene	10.640	106	14932	4.205	ug/L	99
55) Styrene	10.659	104	23802	4.030	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	14475	4.384	ug/L #	97
59) Bromoform	10.799	173	5080	3.884	ug/L	99
60) Isopropylbenzene	10.963	105	38287	4.416	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	11322	4.665	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	32248	4.425	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	31391	4.326	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	16823	4.411	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	17207	4.480	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	17190	4.411	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.939	75	2406	3.959	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.109	180	11325	4.452	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	9497	4.072	ug/L	98
71) Naphthalene	13.774	128	35472	4.096	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	9947	4.127	ug/L	97

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

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