

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043473.D
 Acq On : 22 Oct 2024 09:16
 Operator : JC/MD
 Sample : VSTD01013
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010613

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/23/2024
 Supervised By :Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 01:43:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	162363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	147022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62714	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	9204	10.099	ug/L	0.00
7) Chloroethane-d5	1.654	69	4671	10.584	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	4018	9.449	ug/L	0.00
21) 2-Butanone-d5	4.489	46	10939	18.682	ug/L	0.01
24) Chloroform-d	5.056	84	21383	9.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	14198	9.901	ug/L	0.00
32) Benzene-d6	5.976	84	41020	10.015	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	12348	9.778	ug/L	0.00
41) Toluene-d8	8.647	98	36823	9.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	4752	8.680	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	7317	18.610	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	13304	9.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	12311	10.197	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	12369	9.815	ug/L	94
3) Chloromethane	1.294	50	12200	9.661	ug/L	97
5) Vinyl chloride	1.380	62	11210	9.576	ug/L	97
6) Bromomethane	1.599	94	4564	9.344	ug/L	99
8) Chloroethane	1.672	64	4255m	9.442	ug/L	
9) Trichlorofluoromethane	1.874	101	15244	9.592	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	9053	9.707	ug/L	99
12) 1,1-Dichloroethene	2.313	96	8293	9.627	ug/L	94
13) Acetone	2.392	43	11252	19.433	ug/L	98
14) Carbon disulfide	2.508	76	16084	8.368	ug/L	98
15) Methyl Acetate	2.709	43	9602	9.490	ug/L	96
16) Methylene chloride	2.794	84	10274	9.594	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	8579	8.981	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	31015	9.381	ug/L	99
19) 1,1-Dichloroethane	3.611	63	18500	9.488	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	10991	9.359	ug/L	98
22) 2-Butanone	4.586	43	14087m	20.135	ug/L	
23) Bromochloromethane	4.897	128	4942m	8.926	ug/L	
25) Chloroform	5.092	83	19867	9.243	ug/L	99
27) 1,2-Dichloroethane	6.092	62	15859	9.591	ug/L	96
29) Cyclohexane	5.464	56	15355	9.664	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	16214	9.196	ug/L	97
31) Carbon tetrachloride	5.672	117	13326	9.516	ug/L	98
33) Benzene	6.031	78	40502	9.652	ug/L	100
34) Trichloroethene	7.123	95	9940	8.914	ug/L	89
35) Methylcyclohexane	7.373	83	14993	9.800	ug/L	96
37) 1,2-Dichloropropane	7.434	63	10505	9.630	ug/L #	93
38) Bromodichloromethane	7.824	83	12567	8.999	ug/L #	96
39) cis-1,3-Dichloropropene	8.372	75	14274	8.548	ug/L	93
40) 4-Methyl-2-pentanone	8.580	43	24015m	19.017	ug/L	
42) Toluene	8.720	91	41119	9.492	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	11906	8.289	ug/L	97

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45) 1,1,2-Trichloroethane	9.153	97	9256	9.343	ug/L	96
46) Tetrachloroethene	9.275	164	6876	9.117	ug/L	87
48) 2-Hexanone	9.439	43	18135	18.408	ug/L	93
49) Dibromochloromethane	9.519	129	8041	8.696	ug/L	97
50) 1,2-Dibromoethane	9.610	107	9248	9.057	ug/L	95
51) Chlorobenzene	10.079	112	26425	9.252	ug/L	98
52) Ethylbenzene	10.195	91	43826	9.310	ug/L	97
53) m,p-Xylene	10.299	106	16487	9.347	ug/L	89
54) o-Xylene	10.640	106	16784	9.292	ug/L	98
55) Styrene	10.659	104	26971	8.990	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	12935	9.184	ug/L	93
59) Bromoform	10.799	173	4361	8.772	ug/L	97
60) Isopropylbenzene	10.963	105	41673	10.078	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	10539	10.019	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	34251	9.692	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	34901	9.715	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	18195	9.643	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	18771	9.699	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	18760	9.977	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	2111	8.778	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	11324	9.234	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	9161m	8.932	ug/L	
71) Naphthalene	13.774	128	26408	8.753	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	9102	8.826	ug/L	97

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

