

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043675.D
 Acq On : 04 Nov 2024 11:32
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010631

Quant Time: Nov 05 03:11:12 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	339270	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	16897	9.349	ug/L	0.00
7) Chloroethane-d5	1.642	69	7102	9.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	7636	9.152	ug/L	0.00
21) 2-Butanone-d5	4.471	46	23753m	20.186	ug/L	0.01
24) Chloroform-d	5.056	84	36172	9.284	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	24065	9.722	ug/L	0.00
32) Benzene-d6	5.964	84	71615	9.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	21295	9.269	ug/L	0.00
41) Toluene-d8	8.647	98	66622	9.711	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	9826	9.065	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	17051	18.753	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	28408	9.637	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	21834	9.708	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21913	9.171	ug/L	92
3) Chloromethane	1.294	50	22019	9.482	ug/L	97
5) Vinyl chloride	1.374	62	21240	9.338	ug/L	96
6) Bromomethane	1.593	94	8290	9.405	ug/L	98
8) Chloroethane	1.666	64	8007	11.489	ug/L	87
9) Trichlorofluoromethane	1.867	101	26454	9.165	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	17935	9.047	ug/L	99
12) 1,1-Dichloroethene	2.306	96	16341	9.029	ug/L	95
13) Acetone	2.379	43	21069	19.142	ug/L	97
14) Carbon disulfide	2.501	76	31907	7.975	ug/L	96
15) Methyl Acetate	2.703	43	21707	9.327	ug/L	99
16) Methylene chloride	2.782	84	20683	9.459	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	17645	9.063	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	68029	9.191	ug/L	99
19) 1,1-Dichloroethane	3.605	63	34372	8.965	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	22039	9.113	ug/L	97
22) 2-Butanone	4.574	43	30458	19.425	ug/L	90
23) Bromochloromethane	4.903	128	10831	8.910	ug/L	97
25) Chloroform	5.086	83	38119	9.265	ug/L	92
27) 1,2-Dichloroethane	6.086	62	28638	9.006	ug/L	95
29) Cyclohexane	5.458	56	30799	9.087	ug/L #	94
30) 1,1,1-Trichloroethane	5.373	97	31285	8.841	ug/L	98
31) Carbon tetrachloride	5.665	117	24706	8.511	ug/L	99
33) Benzene	6.031	78	75610	9.081	ug/L	100
34) Trichloroethene	7.123	95	20372	9.101	ug/L	93
35) Methylcyclohexane	7.379	83	29975	8.963	ug/L	99
37) 1,2-Dichloropropane	7.427	63	20384	9.191	ug/L	98
38) Bromodichloromethane	7.818	83	23821	8.445	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	30839	8.655	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	54521	18.062	ug/L	99
42) Toluene	8.714	91	81730	9.333	ug/L	94
44) trans-1,3-Dichloropropene	8.976	75	28677	8.757	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	21485	9.447	ug/L	95
46) Tetrachloroethene	9.275	164	14522	9.013	ug/L	98
48) 2-Hexanone	9.433	43	40635	18.009	ug/L	98
49) Dibromochloromethane	9.518	129	17819	8.406	ug/L	100
50) 1,2-Dibromoethane	9.610	107	22002	9.370	ug/L #	97
51) Chlorobenzene	10.079	112	54005	9.436	ug/L	99
52) Ethylbenzene	10.195	91	88595	9.307	ug/L	99
53) m,p-Xylene	10.299	106	34784	9.466	ug/L	97
54) o-Xylene	10.640	106	34441	9.402	ug/L	98
55) Styrene	10.652	104	54648	8.968	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	31887	9.362	ug/L	97
59) Bromoform	10.799	173	11095	8.171	ug/L	95
60) Isopropylbenzene	10.963	105	88020	9.779	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	25639	10.175	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	72705	9.610	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	72004	9.559	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	36882	9.316	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	37563	9.420	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	39081	9.659	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	5419	8.589	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.109	180	23274	8.814	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	21238	8.772	ug/L	96
71) Naphthalene	13.774	128	80580	8.962	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	23334	9.325	ug/L	98

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

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