

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033555.D
 Acq On : 10 Jan 2024 11:58
 Operator : SY/MD
 Sample : VSTD00523
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005223

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2024
 Supervised By :Semsettin Yesilyurt 01/11/2024

Quant Time: Jan 11 00:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342581	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	12372	4.680	ug/L	0.00
7) Chloroethane-d5	1.532	69	10653	4.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	5726	4.473	ug/L	0.00
21) 2-Butanone-d5	3.818	46	17523m	12.455	ug/L	0.04
24) Chloroform-d	4.253	84	24436	4.837	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	15297	4.891	ug/L	0.00
32) Benzene-d6	4.966	84	47125	5.372	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	15643	5.756	ug/L	0.00
41) Toluene-d8	7.246	98	42258	5.328	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	7126	5.355	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	11183	11.661	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	20107	5.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	16540	5.407	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	15564	5.607	ug/L	100
3) Chloromethane	1.217	50	16733	6.180	ug/L	100
5) Vinyl chloride	1.285	62	16200	5.719	ug/L	100
6) Bromomethane	1.487	94	8077	4.168	ug/L	100
8) Chloroethane	1.552	64	9699	5.230	ug/L	100
9) Trichlorofluoromethane	1.716	101	18689	4.038	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	11095	4.101	ug/L	99
12) 1,1-Dichloroethene	2.073	96	10342	4.429	ug/L	98
13) Acetone	2.114	43	16994	10.817	ug/L	94
14) Carbon disulfide	2.243	76	34266	5.408	ug/L	99
15) Methyl Acetate	2.378	43	12830	5.493	ug/L #	100
16) Methylene chloride	2.452	84	13470	5.061	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	11941	5.274	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	40705	5.695	ug/L	99
19) 1,1-Dichloroethane	3.114	63	22936	5.190	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	12781	4.974	ug/L	97
22) 2-Butanone	3.899	43	19048m	11.597	ug/L	
23) Bromochloromethane	4.159	128	6183	4.479	ug/L	88
25) Chloroform	4.278	83	22438	4.658	ug/L	98
27) 1,2-Dichloroethane	5.050	62	18285	4.881	ug/L	97
29) Cyclohexane	4.584	56	22765	7.009	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	19602	4.914	ug/L	98
31) Carbon tetrachloride	4.738	117	16651	4.711	ug/L	99
33) Benzene	5.015	78	47080	5.348	ug/L	100
34) Trichloroethene	5.838	95	12924	5.345	ug/L	98
35) Methylcyclohexane	6.050	83	21883	6.103	ug/L	97
37) 1,2-Dichloropropane	6.098	63	12413	5.152	ug/L	99
38) Bromodichloromethane	6.439	83	16935	4.988	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	20875	5.870	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	35065	12.713	ug/L	99
42) Toluene	7.320	91	51105	5.538	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	18108	5.065	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	11838	4.865	ug/L	97
46) Tetrachloroethene	7.905	164	9295	5.002	ug/L	96
48) 2-Hexanone	8.085	43	26843	11.690	ug/L	99
49) Dibromochloromethane	8.178	129	12251	4.794	ug/L	96
50) 1,2-Dibromoethane	8.288	107	12248	4.874	ug/L	98
51) Chlorobenzene	8.815	112	31419	4.771	ug/L	98
52) Ethylbenzene	8.950	91	58186	5.586	ug/L	99
53) m,p-Xylene	9.075	106	20417	5.251	ug/L	92
54) o-Xylene	9.481	106	21161	5.568	ug/L	99
55) Styrene	9.500	104	34740	5.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18545	4.960	ug/L	99
59) Bromoform	9.667	173	8336	4.882	ug/L	99
60) Isopropylbenzene	9.866	105	57919	6.074	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	14903	5.580	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	48990	6.593	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	47550	6.229	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	25447	5.253	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	25374	4.914	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	24769	4.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3715	4.989	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	17381	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	15438	5.102	ug/L	99
71) Naphthalene	13.445	128	36082	4.450	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	14184	4.896	ug/L	98

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

