

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036669.D
 Acq On : 24 Jul 2024 17:23
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010234

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2024
 Supervised By :Semsettin Yesilyurt 07/26/2024

Quant Time: Jul 25 02:27:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	271993	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	143707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	22095	10.534	ug/L	0.00
7) Chloroethane-d5	1.529	69	19405	15.327	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	10820	12.250	ug/L	0.00
21) 2-Butanone-d5	3.812	46	22053m	20.390	ug/L	0.03
24) Chloroform-d	4.249	84	46008	12.544	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	26679	12.445	ug/L	0.00
32) Benzene-d6	4.960	84	77410	10.760	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	22365	10.209	ug/L	0.00
41) Toluene-d8	7.243	98	71295	10.807	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	11014	10.499	ug/L	0.02
47) 2-Hexanone-d5	8.033	63	12350m	18.480	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.152	84	34608	10.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	33309	13.145	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	21192	10.222	ug/L	99
3) Chloromethane	1.214	50	17044	8.647	ug/L	98
5) Vinyl chloride	1.281	62	19601	9.185	ug/L	95
6) Bromomethane	1.484	94	17601	12.898	ug/L	99
8) Chloroethane	1.545	64	12676	12.580	ug/L	96
9) Trichlorofluoromethane	1.709	101	33414	10.924	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	19947	10.554	ug/L	97
12) 1,1-Dichloroethene	2.066	96	18706	11.058	ug/L #	83
13) Acetone	2.111	43	17281	14.067	ug/L	98
14) Carbon disulfide	2.236	76	47645	10.349	ug/L	99
15) Methyl Acetate	2.375	43	14112m	7.331	ug/L	
16) Methylene chloride	2.445	84	19962	9.788	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	17501	9.891	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	42021	7.378	ug/L	97
19) 1,1-Dichloroethane	3.108	63	29000	8.323	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	17351	8.813	ug/L	100
22) 2-Butanone	3.902	43	18547m	13.462	ug/L	
23) Bromochloromethane	4.153	128	11839	10.524	ug/L	97
25) Chloroform	4.278	83	34836	9.377	ug/L	96
27) 1,2-Dichloroethane	5.050	62	24910	9.153	ug/L	100
29) Cyclohexane	4.574	56	16264	6.556	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	30332	9.343	ug/L	98
31) Carbon tetrachloride	4.735	117	28025	9.735	ug/L	99
33) Benzene	5.011	78	62698	8.407	ug/L	100
34) Trichloroethene	5.837	95	21822	10.297	ug/L	99
35) Methylcyclohexane	6.046	83	21507	7.331	ug/L	97
37) 1,2-Dichloropropane	6.095	63	15271	7.561	ug/L #	93
38) Bromodichloromethane	6.435	83	25316	8.917	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	22245	7.232	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	28761m	12.131	ug/L	
42) Toluene	7.320	91	62844	7.950	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	22307m	7.574	ug/L	

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45) 1,1,2-Trichloroethane	7.770	97	19876	9.063	ug/L	97
46) Tetrachloroethene	7.905	164	18126	10.798	ug/L	96
48) 2-Hexanone	8.082	43	24618m	12.341	ug/L	
49) Dibromochloromethane	8.178	129	21349	9.277	ug/L	99
50) 1,2-Dibromoethane	8.284	107	21623	9.523	ug/L	97
51) Chlorobenzene	8.815	112	52189	9.308	ug/L	99
52) Ethylbenzene	8.947	91	64006	7.443	ug/L	99
53) m,p-Xylene	9.075	106	23518	7.160	ug/L	99
54) o-Xylene	9.477	106	22056	6.875	ug/L	99
55) Styrene	9.500	104	37158	6.713	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	24918	7.352	ug/L	100
59) Bromoform	9.664	173	16705	9.543	ug/L #	97
60) Isopropylbenzene	9.866	105	59527	7.248	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	21979	8.342	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	41315	6.284	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	41562	6.441	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	39774	9.236	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	42144	9.308	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	41272	9.404	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6382	10.172	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	28358	9.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	23775	9.496	ug/L	98
71) Naphthalene	13.438	128	57830	9.797	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26334	10.490	ug/L	98

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

