

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034470.D
 Acq On : 29 Feb 2024 09:33
 Operator : SY/MD
 Sample : VSTD01030
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010230

Quant Time: Mar 01 00:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	317882	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26207	10.538	ug/L	0.00
7) Chloroethane-d5	1.529	69	20773	10.447	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	11566	10.576	ug/L	0.00
21) 2-Butanone-d5	3.809	46	31331m	18.126	ug/L	0.03
24) Chloroform-d	4.249	84	45001	10.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	29339	10.066	ug/L	0.00
32) Benzene-d6	4.960	84	82181	9.599	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	24689	8.939	ug/L	0.00
41) Toluene-d8	7.243	98	73704	9.562	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	11300	8.219	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	23326	19.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	33178	9.281	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	29235	9.920	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	33346	11.774	ug/L	99
3) Chloromethane	1.217	50	33038	10.690	ug/L	96
5) Vinyl chloride	1.285	62	31257	10.530	ug/L	96
6) Bromomethane	1.487	94	18596	11.715	ug/L	96
8) Chloroethane	1.548	64	18386	10.405	ug/L	99
9) Trichlorofluoromethane	1.712	101	46446	12.445	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24701	11.478	ug/L	97
12) 1,1-Dichloroethene	2.069	96	23190	11.502	ug/L	96
13) Acetone	2.118	43	43503	25.354	ug/L	100
14) Carbon disulfide	2.243	76	61766	9.426	ug/L	100
15) Methyl Acetate	2.378	43	26007	9.692	ug/L	98
16) Methylene chloride	2.446	84	25484	10.670	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	22887	10.479	ug/L	94
18) Methyl tert-butyl Ether	2.700	73	78150	9.954	ug/L	99
19) 1,1-Dichloroethane	3.111	63	43696	9.884	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	22665	9.353	ug/L	94
22) 2-Butanone	3.883	43	41838m	21.026	ug/L	
23) Bromochloromethane	4.150	128	11987	10.020	ug/L	87
25) Chloroform	4.275	83	44829	10.507	ug/L	98
27) 1,2-Dichloroethane	5.043	62	35318	9.916	ug/L	96
29) Cyclohexane	4.580	56	36746	8.838	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	39809	10.673	ug/L	98
31) Carbon tetrachloride	4.735	117	35921	11.222	ug/L	99
33) Benzene	5.008	78	89822	10.124	ug/L	100
34) Trichloroethene	5.834	95	25346	10.559	ug/L	95
35) Methylcyclohexane	6.047	83	37996	9.413	ug/L	98
37) 1,2-Dichloropropane	6.095	63	22375	9.294	ug/L	98
38) Bromodichloromethane	6.432	83	31226	9.714	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	34303	8.441	ug/L	94
40) 4-Methyl-2-pentanone	7.159	43	64562	18.051	ug/L	99
42) Toluene	7.317	91	94948	10.104	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	32870	8.825	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	22206	10.029	ug/L	96
46) Tetrachloroethene	7.905	164	19315	10.905	ug/L	96
48) 2-Hexanone	8.079	43	51294	17.927	ug/L	98
49) Dibromochloromethane	8.175	129	23390	10.060	ug/L	97
50) 1,2-Dibromoethane	8.284	107	23466	10.003	ug/L	95
51) Chlorobenzene	8.815	112	60552	10.155	ug/L	98
52) Ethylbenzene	8.947	91	102421	9.471	ug/L	96
53) m,p-Xylene	9.072	106	38840	9.746	ug/L	100
54) o-Xylene	9.477	106	38729	9.779	ug/L	99
55) Styrene	9.497	104	64428	9.451	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	33507	9.593	ug/L	96
59) Bromoform	9.664	173	15483	9.392	ug/L	95
60) Isopropylbenzene	9.866	105	104973	9.957	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	29136	10.527	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	86018	9.512	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	84381	9.409	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	48189	10.089	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	48433	10.112	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	49686	10.619	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	7828	9.742	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	35168	9.937	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	30645	9.518	ug/L	97
71) Naphthalene	13.439	128	75565	8.852	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30359	9.988	ug/L	99

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

