

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035491.D
 Acq On : 01 May 2024 12:36
 Operator : SY/MD
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01052

Quant Time: May 02 00:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	527336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	515483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	251361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37352	8.878	ug/L	0.00
7) Chloroethane-d5	1.529	69	28838	11.484	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	16502	9.495	ug/L	0.00
21) 2-Butanone-d5	3.822	46	47976	20.726	ug/L	0.03
24) Chloroform-d	4.249	84	68611	9.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	40331	9.559	ug/L	0.00
32) Benzene-d6	4.960	84	132929	9.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	40802	9.557	ug/L	0.00
41) Toluene-d8	7.246	98	119684	9.634	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	19122	9.534	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	33324	23.595	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	63014	10.192	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	48247	10.644	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	35285	9.272	ug/L	100
3) Chloromethane	1.214	50	38917	9.976	ug/L	97
5) Vinyl chloride	1.282	62	41217	10.013	ug/L	100
6) Bromomethane	1.487	94	26789	10.914	ug/L	98
8) Chloroethane	1.545	64	25369	13.266	ug/L	98
9) Trichlorofluoromethane	1.709	101	55933	10.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	34685	9.922	ug/L	98
12) 1,1-Dichloroethene	2.066	96	31283	10.060	ug/L	88
13) Acetone	2.127	43	46373	18.084	ug/L	98
14) Carbon disulfide	2.236	76	83876	9.836	ug/L	99
15) Methyl Acetate	2.378	43	41100	10.288	ug/L	98
16) Methylene chloride	2.445	84	39376	9.992	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	32217	9.676	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	111454	9.869	ug/L	99
19) 1,1-Dichloroethane	3.111	63	68515	9.900	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	37376	9.875	ug/L	99
22) 2-Butanone	3.899	43	58103m	20.067	ug/L	
23) Bromochloromethane	4.156	128	20877	9.899	ug/L	99
25) Chloroform	4.278	83	70985	9.911	ug/L	97
27) 1,2-Dichloroethane	5.043	62	48781	9.329	ug/L	100
29) Cyclohexane	4.580	56	43796	9.382	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	60696	10.361	ug/L	99
31) Carbon tetrachloride	4.732	117	51267	10.018	ug/L	97
33) Benzene	5.011	78	139016	10.071	ug/L	100
34) Trichloroethene	5.838	95	37404	10.068	ug/L	96
35) Methylcyclohexane	6.047	83	48564	9.092	ug/L	98
37) 1,2-Dichloropropane	6.095	63	37975	9.875	ug/L	98
38) Bromodichloromethane	6.436	83	52107	10.017	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	56778	9.821	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	94916	20.224	ug/L	99
42) Toluene	7.317	91	143139	9.936	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	52494	9.550	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035491.D
 Acq On : 01 May 2024 12:36
 Operator : SY/MD
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010252

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 00:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	41086	10.162	ug/L	98
46) Tetrachloroethene	7.905	164	30006	10.277	ug/L	98
48) 2-Hexanone	8.082	43	75747	19.111	ug/L	95
49) Dibromochloromethane	8.175	129	42145	10.177	ug/L	99
50) 1,2-Dibromoethane	8.284	107	42292	10.277	ug/L	100
51) Chlorobenzene	8.815	112	101174	9.969	ug/L	99
52) Ethylbenzene	8.947	91	148205	9.432	ug/L	99
53) m,p-Xylene	9.075	106	53093	8.948	ug/L	96
54) o-Xylene	9.477	106	54296	9.306	ug/L	98
55) Styrene	9.497	104	90893	9.040	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	69679	10.488	ug/L	98
59) Bromoform	9.664	173	33381	10.890	ug/L #	97
60) Isopropylbenzene	9.866	105	144301	9.970	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	53324	11.117	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	107371	9.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	105804	9.289	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	76843	10.309	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	81100	10.347	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	82603	10.796	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	16496	14.376	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	56506	10.521	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	50845	11.714	ug/L	99
71) Naphthalene	13.439	128	133362	13.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	54358	12.718	ug/L	98

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

