

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036763.D
 Acq On : 02 Aug 2024 15:53
 Operator : SY/MD
 Sample : VSTD00545
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2024
 Supervised By :Mahesh Dadoda 08/05/2024

Quant Time: Aug 02 23:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	445958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	411744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	202739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18735	5.644	ug/L	0.00
7) Chloroethane-d5	1.532	69	14543	5.543	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	7782	5.302	ug/L	0.00
21) 2-Butanone-d5	3.818	46	20113m	13.211	ug/L	0.02
24) Chloroform-d	4.249	84	31896	5.193	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	19689	4.970	ug/L	0.00
32) Benzene-d6	4.957	84	63454	5.332	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	21146m	5.522	ug/L	0.00
41) Toluene-d8	7.246	98	58181	5.387	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	10632	5.371	ug/L	0.02
47) 2-Hexanone-d5	8.046	63	9749	9.370	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	23447	5.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22197	5.781	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	19220	5.922	ug/L	98
3) Chloromethane	1.217	50	19226	5.396	ug/L	98
5) Vinyl chloride	1.281	62	19138	5.162	ug/L	99
6) Bromomethane	1.487	94	11740	4.893	ug/L	96
8) Chloroethane	1.548	64	11535	4.941	ug/L	95
9) Trichlorofluoromethane	1.712	101	24801	5.105	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	14665	5.076	ug/L	98
12) 1,1-Dichloroethene	2.069	96	14519	5.255	ug/L	97
13) Acetone	2.114	43	17566	11.472	ug/L	100
14) Carbon disulfide	2.236	76	45764	5.254	ug/L	100
15) Methyl Acetate	2.375	43	16599	5.317	ug/L	97
16) Methylene chloride	2.445	84	15993	5.116	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	14061	4.892	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	50633	5.027	ug/L	97
19) 1,1-Dichloroethane	3.105	63	29086	5.014	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	16642	4.892	ug/L	99
22) 2-Butanone	3.899	43	21130m	10.981	ug/L	
23) Bromochloromethane	4.146	128	8643	5.261	ug/L	95
25) Chloroform	4.278	83	29059	4.820	ug/L	100
27) 1,2-Dichloroethane	5.047	62	22591	4.835	ug/L #	92
29) Cyclohexane	4.574	56	26016	5.042	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	26029	5.098	ug/L	96
31) Carbon tetrachloride	4.728	117	21511	5.012	ug/L	99
33) Benzene	5.008	78	58638	4.830	ug/L	100
34) Trichloroethene	5.834	95	17764	5.047	ug/L	95
35) Methylcyclohexane	6.043	83	27917	5.233	ug/L	97
37) 1,2-Dichloropropane	6.098	63	15333	4.797	ug/L	98
38) Bromodichloromethane	6.436	83	21744	4.904	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	25673	4.621	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	36387	9.414	ug/L	97
42) Toluene	7.317	91	63600	4.950	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	24360	4.730	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036763.D
 Acq On : 02 Aug 2024 15:53
 Operator : SY/MD
 Sample : VSTD00545
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2024
 Supervised By :Mahesh Dadoda 08/05/2024

Quant Time: Aug 02 23:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.773	97	15588	5.082	ug/L	94
46) Tetrachloroethene	7.905	164	11560	5.053	ug/L	95
48) 2-Hexanone	8.091	43	26311	9.038	ug/L	97
49) Dibromochloromethane	8.175	129	15402	4.788	ug/L	99
50) 1,2-Dibromoethane	8.288	107	15493	4.778	ug/L #	99
51) Chlorobenzene	8.815	112	42274	5.081	ug/L	95
52) Ethylbenzene	8.947	91	72691	4.907	ug/L	100
53) m,p-Xylene	9.075	106	26465	4.875	ug/L	94
54) o-Xylene	9.477	106	26374	4.881	ug/L	97
55) Styrene	9.500	104	44311	4.792	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	20409	4.951	ug/L #	93
59) Bromoform	9.667	173	10449	4.757	ug/L	96
60) Isopropylbenzene	9.866	105	73214	5.083	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	18247	5.212	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	58474	4.846	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	58656	4.890	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	31122	4.972	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	31117	4.877	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	30070	4.923	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	5097	5.088	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	22372	5.118	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	22308	5.343	ug/L	98
71) Naphthalene	13.439	128	74829	5.727	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	20900	5.150	ug/L	96

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

