

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036757.D
 Acq On : 02 Aug 2024 09:12
 Operator : SY/MD
 Sample : VSTD00540
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005240

Manual Integrations

APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/03/2024

Supervised By : Mahesh
 Dadoda

08/05/2024

Supervised By : Mahesh
 Dadoda

Quant Time: Aug 02 23:49:46 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	5.526	114	521106	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	482845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	235190	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17968	4.633	ug/L	0.00
7) Chloroethane-d5	1.532	69	14088	4.595	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	8258	4.815	ug/L	0.00
21) 2-Butanone-d5	3.818	46	15937m	8.959	ug/L	0.02
24) Chloroform-d	4.243	84	33076	4.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	20440	4.415	ug/L	0.00
32) Benzene-d6	4.953	84	65529	4.695	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	19826	4.415	ug/L	0.00
41) Toluene-d8	7.243	98	56798	4.485	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10036	4.324	ug/L	0.01
47) 2-Hexanone-d5	8.046	63	8728m	7.153	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	21814	4.315	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	20642	4.634	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	15576	4.107	ug/L	97
3) Chloromethane	1.217	50	17763	4.266	ug/L	94
5) Vinyl chloride	1.281	62	17972	4.148	ug/L	95
6) Bromomethane	1.487	94	12097	4.315	ug/L	92
8) Chloroethane	1.548	64	11359	4.164	ug/L	100
9) Trichlorofluoromethane	1.712	101	23971	4.222	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	14006	4.148	ug/L	98
12) 1,1-Dichloroethene	2.069	96	14090	4.364	ug/L	94
13) Acetone	2.111	43	17765	9.929	ug/L	95
14) Carbon disulfide	2.236	76	45859	4.506	ug/L	99
15) Methyl Acetate	2.371	43	14136	3.875	ug/L	99
16) Methylene chloride	2.442	84	15755	4.313	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	14248	4.242	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	46883	3.984	ug/L	97
19) 1,1-Dichloroethane	3.101	63	28127	4.149	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	16933	4.259	ug/L	96
22) 2-Butanone	3.902	43	19190m	8.535	ug/L	
23) Bromochloromethane	4.146	128	7946	4.139	ug/L	98
25) Chloroform	4.272	83	29333	4.164	ug/L	95
27) 1,2-Dichloroethane	5.043	62	21269	3.896	ug/L	99
29) Cyclohexane	4.571	56	25360	4.192	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	25128	4.197	ug/L	98
31) Carbon tetrachloride	4.725	117	20749	4.122	ug/L	98
33) Benzene	5.008	78	56988	4.003	ug/L	100
34) Trichloroethene	5.834	95	17201	4.168	ug/L	96
35) Methylcyclohexane	6.040	83	25759	4.117	ug/L	97
37) 1,2-Dichloropropane	6.095	63	14706	3.923	ug/L	99
38) Bromodichloromethane	6.436	83	21102	4.058	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	26934	4.134	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	33590m	7.411	ug/L	
42) Toluene	7.317	91	60773	4.034	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	23329	3.862	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
45) 1,1,2-Trichloroethane	7.770	97	14184	3.943	ug/L	98	08/05/2024
46) Tetrachloroethene	7.902	164	11214	4.180	ug/L	94	Supervised By :Mahesh Dadoda
48) 2-Hexanone	8.088	43	27326m	8.005	ug/L		
49) Dibromochloromethane	8.175	129	14817	3.928	ug/L	96	
50) 1,2-Dibromoethane	8.284	107	15316	4.028	ug/L	96	
51) Chlorobenzene	8.812	112	40946	4.197	ug/L	98	
52) Ethylbenzene	8.944	91	71369	4.108	ug/L	97	08/05/2024
53) m,p-Xylene	9.072	106	25214	3.960	ug/L	100	
54) o-Xylene	9.477	106	25103	3.962	ug/L	100	
55) Styrene	9.497	104	42880	3.955	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	10.175	83	18672	3.863	ug/L	98	
59) Bromoform	9.664	173	9968	3.912	ug/L #	96	
60) Isopropylbenzene	9.863	105	69286	4.146	ug/L	99	
61) 1,2,3-Trichloropropane	10.207	75	15492	3.815	ug/L	99	
62) 1,3,5-Trimethylbenzene	10.474	105	56451	4.033	ug/L	98	
63) 1,2,4-Trimethylbenzene	10.850	105	55764	4.007	ug/L	97	
64) 1,3-Dichlorobenzene	11.117	146	31044	4.275	ug/L	98	
65) 1,4-Dichlorobenzene	11.204	146	31971	4.320	ug/L	98	
67) 1,2-Dichlorobenzene	11.577	146	29934	4.224	ug/L	97	
68) 1,2-Dibromo-3-chloropr...	12.368	75	4259	3.665	ug/L	96	
69) 1,3,5-Trichlorobenzene	12.583	180	20984	4.138	ug/L	97	
70) 1,2,4-trichlorobenzene	13.197	180	20021	4.134	ug/L	99	
71) Naphthalene	13.439	128	60926	4.020	ug/L	100	
72) 1,2,3-Trichlorobenzene	13.680	180	18962	4.027	ug/L	99	

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

