

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092122\
 Data File : VU050872.D
 Acq On : 21 Sep 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050089

Quant Time: Sep 22 02:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	443153	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	437573	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	215732	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	205725	44.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.620%
7) Chloroethane-d5	1.903	69	160683	49.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.280%
11) 1,1-Dichloroethene-d2	2.565	63	332502	46.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.080%
21) 2-Butanone-d5	4.616	46	329678	111.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.220%
24) Chloroform-d	5.060	84	355492	49.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.700	65	222660	50.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
32) Benzene-d6	5.726	84	708925	49.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
36) 1,2-Dichloropropane-d6	6.690	67	235414	48.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.780%
41) Toluene-d8	7.896	98	618084	49.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	8.179	79	106998	50.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.120%
47) 2-Hexanone-d5	8.632	63	210846	105.168	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.170%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	360928	48.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	223986	49.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	226393	49.337	ug/L	99
3) Chloromethane	1.517	50	254314	47.672	ug/L	99
5) Vinyl chloride	1.601	62	247247	47.342	ug/L	98
6) Bromomethane	1.842	94	145987	55.332	ug/L	96
8) Chloroethane	1.925	64	143609	49.665	ug/L	99
9) Trichlorofluoromethane	2.134	101	280401	49.499	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	183227	50.533	ug/L	98
12) 1,1-Dichloroethene	2.575	96	164893	48.400	ug/L	99
13) Acetone	2.620	43	253043	100.819	ug/L	98
14) Carbon disulfide	2.787	76	529028	49.106	ug/L	100
15) Methyl Acetate	2.941	43	244116	51.539	ug/L	99
16) Methylene chloride	3.041	84	210982	44.600	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	174050	49.844	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	542008	50.916	ug/L	99
19) 1,1-Dichloroethane	3.864	63	348025	49.326	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	197171	50.926	ug/L	99
22) 2-Butanone	4.697	43	365547	110.492	ug/L	100
23) Bromochloromethane	4.973	128	102826	50.674	ug/L	96
25) Chloroform	5.086	83	354120	50.360	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050872.D
 Acq On : 21 Sep 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050089

Quant Time: Sep 22 02:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	274455	51.360	ug/L	100
29) Cyclohexane	5.388	56	300431	49.891	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	286535	49.221	ug/L	99
31) Carbon tetrachloride	5.523	117	238378	49.292	ug/L	100
33) Benzene	5.771	78	809239	50.253	ug/L	100
34) Trichloroethene	6.539	95	196318	52.483	ug/L	98
35) Methylcyclohexane	6.761	83	313247	51.973	ug/L	99
37) 1,2-Dichloropropane	6.790	63	217806	49.428	ug/L	100
38) Bromodichloromethane	7.105	83	264087	50.301	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	295046	50.036	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	659369	108.577	ug/L	100
42) Toluene	7.967	91	840783	52.594	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	287134	51.188	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	207047	50.986	ug/L	99
46) Tetrachloroethene	8.555	164	135381	50.364	ug/L	100
48) 2-Hexanone	8.684	43	555439	109.458	ug/L	100
49) Dibromochloromethane	8.809	129	205410	51.588	ug/L	99
50) 1,2-Dibromoethane	8.922	107	218406	51.838	ug/L	100
51) Chlorobenzene	9.446	112	486355	49.834	ug/L	99
52) Ethylbenzene	9.571	91	828054	51.922	ug/L	100
53) m,p-Xylene	9.693	106	316702	53.414	ug/L	97
54) o-Xylene	10.099	106	315059	53.331	ug/L	98
55) Styrene	10.111	104	549556	54.257	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	355822	47.354	ug/L	98
59) Bromoform	10.288	173	153147	49.184	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	294247	48.491	ug/L	99
61) Isopropylbenzene	10.484	105	798079	51.766	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	670117	52.875	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	681583	54.305	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	363687	51.585	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	364686	50.951	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	381667	51.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	89236	53.469	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	258531	52.411	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	214477	53.131	ug/L	100
71) Naphthalene	14.086	128	841097	54.215	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	246270	54.510	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050872.D
Acq On : 21 Sep 2022 10:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050089

Quant Time: Sep 22 02:09:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 04:30:12 2022
Response via : Initial Calibration

