

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046387.D
 Acq On : 15 Dec 2021 10:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050144

Quant Time: Dec 16 02:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141109	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	81205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49992	43.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.020%
7) Chloroethane-d5	1.922	69	38273	42.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	2.578	63	87502	41.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.860%
21) 2-Butanone-d5	4.642	46	98507	106.605	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.070	84	101817	52.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
26) 1,2-Dichloroethane-d4	5.707	65	67140	51.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
32) Benzene-d6	5.732	84	185361	44.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	6.694	67	60999	47.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.580%
41) Toluene-d8	7.903	98	165023	43.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.100%
43) trans-1,3-Dichloroprop...	8.182	79	30066	48.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.639	63	73730	120.558	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	101978	52.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	69634	44.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	59678	38.872	ug/L	99
3) Chloromethane	1.527	50	51940	37.825	ug/L	99
5) Vinyl chloride	1.610	62	55814	40.311	ug/L	100
6) Bromomethane	1.864	94	32144	40.960	ug/L	97
8) Chloroethane	1.941	64	34539	43.084	ug/L	100
9) Trichlorofluoromethane	2.147	101	87431	48.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49537	48.246	ug/L	98
12) 1,1-Dichloroethene	2.588	96	42820	43.887	ug/L	95
13) Acetone	2.662	43	99051	85.770	ug/L	100
14) Carbon disulfide	2.800	76	94664	31.272	ug/L	99
15) Methyl Acetate	2.961	43	66559	49.440	ug/L	100
16) Methylene chloride	3.054	84	54565	47.005	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	45344	43.915	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	171941	54.034	ug/L	99
19) 1,1-Dichloroethane	3.877	63	95549	50.895	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	54945	49.042	ug/L	100
22) 2-Butanone	4.723	43	113540	90.314	ug/L	97
23) Bromochloromethane	4.980	128	29282	51.749	ug/L	96
25) Chloroform	5.096	83	105062	50.368	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046387.D
 Acq On : 15 Dec 2021 10:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050144

Quant Time: Dec 16 02:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	82915	53.567	ug/L	98
29) Cyclohexane	5.395	56	65845	38.941	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	89649	50.295	ug/L	99
31) Carbon tetrachloride	5.530	117	74167	49.012	ug/L	99
33) Benzene	5.781	78	209503	47.669	ug/L	100
34) Trichloroethene	6.546	95	52769	45.576	ug/L	96
35) Methylcyclohexane	6.768	83	71485	39.819	ug/L	98
37) 1,2-Dichloropropane	6.797	63	58332	50.667	ug/L	99
38) Bromodichloromethane	7.108	83	79703	52.085	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	89606	51.161	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	178560	105.562	ug/L	99
42) Toluene	7.973	91	228577	48.470	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	88822	51.635	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	60622	52.485	ug/L	97
46) Tetrachloroethene	8.555	164	39141	46.002	ug/L	95
48) 2-Hexanone	8.687	43	155390	102.719	ug/L	99
49) Dibromochloromethane	8.813	129	66442	54.778	ug/L	95
50) 1,2-Dibromoethane	8.925	107	61932	49.456	ug/L	97
51) Chlorobenzene	9.449	112	148061	48.529	ug/L	99
52) Ethylbenzene	9.575	91	247758	48.816	ug/L	100
53) m,p-Xylene	9.697	106	95722	48.361	ug/L	99
54) o-xylene	10.105	106	95263	49.601	ug/L	97
55) Styrene	10.118	104	170129	51.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	109061	55.074	ug/L	100
59) Bromoform	10.295	173	48421	50.829	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	88903	49.943	ug/L	99
61) Isopropylbenzene	10.488	105	248994	47.127	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	215929	49.031	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	220986	50.155	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	120205	47.895	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	124331	47.934	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	123159	48.730	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	27400	57.780	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	90390	49.429	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	83712	51.586	ug/L	99
71) Naphthalene	14.089	128	323709	57.325	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	89092	53.838	ug/L	99

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

Quant Time: Dec 16 02:21:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 03:40:56 2021
Response via : Initial Calibration

