

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047745.D
 Acq On : 29 Mar 2022 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050183

Quant Time: Mar 30 01:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	360559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	371427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	226916	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	90190	34.494	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	68.980%	
7) Chloroethane-d5	1.922	69	81722	39.639	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	79.280%	
11) 1,1-Dichloroethene-d2	2.578	63	196940	41.169	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	82.340%	
21) 2-Butanone-d5	4.649	46	267636	119.256	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	119.260%	
24) Chloroform-d	5.070	84	218651	45.704	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.706	65	135797	46.281	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.560%	
32) Benzene-d6	5.732	84	409794	43.846	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.700%	
36) 1,2-Dichloropropane-d6	6.694	67	134465	46.847	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	93.700%	
41) Toluene-d8	7.899	98	390382	42.871	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.740%	
43) trans-1,3-Dichloroprop...	8.182	79	65633	45.135	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.280%	
47) 2-Hexanone-d5	8.639	63	196921	117.196	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	117.200%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	249892	50.730	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.460%	
66) 1,2-Dichlorobenzene-d4	12.195	152	185236	45.884	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	91.760%	
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.388	85	183357	54.852	ug/L	100
3) Chloromethane	1.527	50	165515	51.775	ug/L	99
5) Vinyl chloride	1.610	62	172054	52.772	ug/L	97
6) Bromomethane	1.864	94	99804	56.874	ug/L	97
8) Chloroethane	1.941	64	103574	50.605	ug/L	96
9) Trichlorofluoromethane	2.147	101	237533	51.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	147496	55.501	ug/L	98
12) 1,1-Dichloroethene	2.588	96	135781m	54.899	ug/L	
13) Acetone	2.665	43	276650	132.467	ug/L	98
14) Carbon disulfide	2.803	76	389087	49.769	ug/L	99
15) Methyl Acetate	2.964	43	191287	57.440	ug/L	99
16) Methylene chloride	3.054	84	153750	54.173	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	142414	53.385	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	421999	56.071	ug/L	100
19) 1,1-Dichloroethane	3.877	63	254152	55.241	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	160389	54.841	ug/L	96
22) 2-Butanone	4.726	43	334142	124.204	ug/L	98
23) Bromochloromethane	4.980	128	90844	56.575	ug/L	98
25) Chloroform	5.092	83	272762	55.066	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	207580	54.242	ug/L	98
29) Cyclohexane	5.395	56	211705	56.171	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	235836	55.997	ug/L	99
31) Carbon tetrachloride	5.530	117	213663	56.182	ug/L	98
33) Benzene	5.777	78	598996	55.715	ug/L	100
34) Trichloroethene	6.546	95	159201	56.482	ug/L	99
35) Methylcyclohexane	6.767	83	249601	58.209	ug/L	98
37) 1,2-Dichloropropane	6.793	63	154865	56.663	ug/L	99
38) Bromodichloromethane	7.108	83	210981	56.215	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	242607	57.209	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	508346	117.683	ug/L	99
42) Toluene	7.973	91	668821	56.697	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	240876	56.889	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	163133	56.280	ug/L	99
46) Tetrachloroethene	8.555	164	140546	55.488	ug/L	97
48) 2-Hexanone	8.690	43	452971	121.909	ug/L	99
49) Dibromochloromethane	8.812	129	189509	56.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	181980	56.001	ug/L	99
51) Chlorobenzene	9.449	112	447902	55.920	ug/L	98
52) Ethylbenzene	9.571	91	710506	57.282	ug/L	100
53) m,p-Xylene	9.697	106	285245	58.609	ug/L	98
54) o-Xylene	10.102	106	278491	58.302	ug/L	99
55) Styrene	10.115	104	477948	58.605	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	310668	57.170	ug/L	100
59) Bromoform	10.295	173	160626	55.357	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	245494	57.389	ug/L	100
61) Isopropylbenzene	10.488	105	720315	58.736	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	387613	58.253	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	607589	60.114	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	383851	56.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	392699	55.620	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	386612	56.684	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	79295	57.869	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	308393	55.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	270679	55.822	ug/L	99
71) Naphthalene	14.085	128	845300	58.472	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	261383	53.772	ug/L	99

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

