

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081921\
 Data File : VU044475.D
 Acq On : 19 Aug 2021 20:10
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 12:49:36 PM

Quant Time: Aug 20 05:45:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 20 05:12:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114001	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	115064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	57618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42226	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.916	69	38363	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.568	65	19152	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.652	46	147968	58.029	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.060%
24) Chloroform-d	5.070	84	82521	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.710	65	46354	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.735	84	157515	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.697	67	51818	4.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.903	98	143428	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.186	79	18615	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.645	63	125372	62.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.560%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47411	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	49957	5.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	60591	5.168	ug/L	99
3) Chloromethane	1.520	50	73144	4.762	ug/L	99
5) Vinyl chloride	1.604	62	76842	5.412	ug/L	98
6) Bromomethane	1.858	94	41216	5.340	ug/L	100
8) Chloroethane	1.935	64	45261	5.215	ug/L	97
9) Trichlorofluoromethane	2.138	101	85589	5.272	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	47017	5.264	ug/L	99
12) 1,1-Dichloroethene	2.581	96	45815	5.229	ug/L	97
13) Acetone	2.652	43	107573m	50.804	ug/L	
14) Carbon disulfide	2.797	76	143795	5.060	ug/L	99
15) Methyl Acetate	2.964	43	16134	4.665	ug/L #	89
16) Methylene chloride	3.051	84	76655	5.889	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	131651	5.810	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48762	5.342	ug/L	99
19) 1,1-Dichloroethane	3.877	63	94019	5.313	ug/L	97
21) 2-Butanone	4.726	43	181778	60.244	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	52686	5.398	ug/L	99
23) Bromochloromethane	4.980	128	23948	5.566	ug/L	97
25) Chloroform	5.096	83	94584	5.209	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67287	5.556	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	77351	5.371	ug/L	99
30) Cyclohexane	5.395	56	84471	5.306	ug/L	99
31) Carbon tetrachloride	5.530	117	62112	5.249	ug/L	100
33) Benzene	5.781	78	211105	5.408	ug/L	100
34) Trichloroethene	6.549	95	51762	5.363	ug/L	99
35) Methylcyclohexane	6.768	83	82448	5.122	ug/L	100
37) 1,2-Dichloropropane	6.797	63	55454	5.425	ug/L	100
38) Bromodichloromethane	7.112	83	66543	5.302	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	75167	5.243	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	430051	61.960	ug/L	100
42) Toluene	7.973	91	218450	5.372	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	64928	5.344	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	42730	5.862	ug/L	99
47) Tetrachloroethene	8.559	164	35306	5.290	ug/L	99
48) 2-Hexanone	8.694	43	315455	63.695	ug/L	100
49) Dibromochloromethane	8.816	129	42104	5.458	ug/L	100
50) 1,2-Dibromoethane	8.931	107	40002	5.737	ug/L	99
51) Chlorobenzene	9.452	112	132065	5.292	ug/L	99
52) Ethylbenzene	9.575	91	226765	5.279	ug/L	100
53) m,p-Xylene	9.700	106	86355	5.347	ug/L	97
54) o-Xylene	10.105	106	85308	5.423	ug/L	99
55) Styrene	10.121	104	147562	5.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	54476	5.676	ug/L	96
59) Bromoform	10.298	173	22120	5.434	ug/L	98
60) Isopropylbenzene	10.491	105	224090	5.329	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	41062	5.703	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	183428	5.335	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	188531	5.347	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	95975	5.198	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	97698	5.237	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	95549	5.430	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8577	5.824	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	66423	5.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	54083	5.308	ug/L	99
71) Naphthalene	14.092	128	116480	5.996	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51856	5.559	ug/L	99

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

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