

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044598.D
 Acq On : 07 Sep 2021 21:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Manual Integrations
 APPROVED

Quant Time: Sep 08 02:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	63772	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	39576	4.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.919	69	39832	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.572	65	16925	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.639	46	112442	44.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	5.073	84	74430	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.710	65	41223	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.735	84	156289	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.697	67	46748	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.903	98	145837	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.185	79	16777	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.642	63	103511	50.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43604	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	56923	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	49381	4.255	ug/L	100
3) Chloromethane	1.520	50	51585	3.393	ug/L	99
5) Vinyl chloride	1.607	62	59747	4.251	ug/L	100
6) Bromomethane	1.861	94	33734	4.416	ug/L	98
8) Chloroethane	1.938	64	38488	4.480	ug/L	96
9) Trichlorofluoromethane	2.144	101	75792	4.717	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41620	4.707	ug/L	94
12) 1,1-Dichloroethene	2.584	96	39371	4.540	ug/L	90
13) Acetone	2.649	43	75143m	35.855	ug/L	
14) Carbon disulfide	2.800	76	116266	4.133	ug/L	100
15) Methyl Acetate	2.964	43	17406	5.085	ug/L	95
16) Methylene chloride	3.054	84	60892	4.726	ug/L	89
17) Methyl tert-butyl Ether	3.372	73	102331	4.563	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	42955	4.754	ug/L	90
19) 1,1-Dichloroethane	3.877	63	76536	4.370	ug/L	96
21) 2-Butanone	4.719	43	120700	40.414	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	47236	4.890	ug/L	92
23) Bromochloromethane	4.983	128	21765	5.110	ug/L	85
25) Chloroform	5.096	83	86118	4.792	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	53063	4.427	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	67268	4.615	ug/L	98
30) Cyclohexane	5.395	56	62938	3.906	ug/L	90
31) Carbon tetrachloride	5.530	117	53425	4.461	ug/L	98
33) Benzene	5.780	78	177817	4.501	ug/L	100
34) Trichloroethene	6.549	95	45941	4.703	ug/L	97
35) Methylcyclohexane	6.768	83	69897	4.291	ug/L	94
37) 1,2-Dichloropropane	6.800	63	44001	4.253	ug/L #	97
38) Bromodichloromethane	7.112	83	56227	4.426	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	62035	4.276	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	289846	41.262	ug/L #	94
42) Toluene	7.973	91	194634	4.729	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	53698	4.367	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	35542	4.818	ug/L	97
47) Tetrachloroethene	8.558	164	34799	5.152	ug/L	96
48) 2-Hexanone	8.694	43	212253	42.347	ug/L #	95
49) Dibromochloromethane	8.816	129	38915	4.985	ug/L	99
50) 1,2-Dibromoethane	8.928	107	34400	4.875	ug/L	98
51) Chlorobenzene	9.452	112	124679	4.937	ug/L	95
52) Ethylbenzene	9.575	91	207248	4.767	ug/L	99
53) m,p-Xylene	9.697	106	82402	5.041	ug/L	95
54) o-Xylene	10.105	106	80034	5.027	ug/L	94
55) Styrene	10.118	104	139635	5.349	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	46605	4.798	ug/L	99
59) Bromoform	10.295	173	21505	4.773	ug/L	100
60) Isopropylbenzene	10.488	105	209571	4.503	ug/L	98
61) 1,2,3-Trichloropropane	10.828	75	32291	4.052	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	171488	4.506	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	178630	4.577	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	101242	4.954	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	100975	4.891	ug/L	96
67) 1,2-Dichlorobenzene	12.217	146	97107	4.986	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7020	4.307	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	73152	5.084	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	60992	5.409	ug/L	98
71) Naphthalene	14.092	128	109956	5.114	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	57180	5.538	ug/L	99

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

