

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044413.D
 Acq On : 10 Aug 2021 15:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Aug 11 01:10:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 11 01:08:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	161044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	84966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49058	3.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.912	69	59869	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.565	65	23499	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.642	46	166957	41.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.680%
24) Chloroform-d	5.070	84	123288	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.710	65	63795	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	245756	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.697	67	75951	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.902	98	223713	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.185	79	24012	3.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.642	63	151996	41.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	65005	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	84731	5.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	65331	4.529	ug/L	100
3) Chloromethane	1.520	50	68450	4.404	ug/L	100
5) Vinyl chloride	1.604	62	77257	4.743	ug/L	100
6) Bromomethane	1.858	94	44176	4.817	ug/L	96
8) Chloroethane	1.935	64	50079	5.325	ug/L	97
9) Trichlorofluoromethane	2.137	101	96508	5.385	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54773	5.062	ug/L	97
12) 1,1-Dichloroethene	2.581	96	49046	4.635	ug/L	90
13) Acetone	2.652	43	90847	47.815	ug/L	99
14) Carbon disulfide	2.793	76	123020	3.561	ug/L	98
15) Methyl Acetate	2.964	43	22659	5.222	ug/L	# 85
16) Methylene chloride	3.051	84	64137	4.546	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	140512	4.847	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	53376	4.718	ug/L	93
19) 1,1-Dichloroethane	3.874	63	99135	4.861	ug/L	100
21) 2-Butanone	4.719	43	153950	43.652	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	61416	4.968	ug/L	96
23) Bromochloromethane	4.980	128	28378	5.299	ug/L	89
25) Chloroform	5.096	83	106493	5.071	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68372	4.982	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	86644	5.008	ug/L	100
30) Cyclohexane	5.395	56	78131	3.865	ug/L	94
31) Carbon tetrachloride	5.530	117	71511	4.943	ug/L	97
33) Benzene	5.780	78	228394	4.712	ug/L	100
34) Trichloroethene	6.549	95	59797	4.933	ug/L	95
35) Methylcyclohexane	6.768	83	90264	4.267	ug/L	96
37) 1,2-Dichloropropane	6.796	63	59102	4.785	ug/L	98
38) Bromodichloromethane	7.112	83	75799	5.068	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	84490	4.700	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	376153	43.398	ug/L	98
42) Toluene	7.973	91	249791	4.927	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	72438	4.737	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	47827	5.217	ug/L	96
47) Tetrachloroethene	8.558	164	45421	5.103	ug/L	97
48) 2-Hexanone	8.693	43	275374	43.941	ug/L	98
49) Dibromochloromethane	8.816	129	52668	5.382	ug/L	94
50) 1,2-Dibromoethane	8.931	107	45085	5.072	ug/L	97
51) Chlorobenzene	9.452	112	159949	5.098	ug/L	98
52) Ethylbenzene	9.574	91	265933	4.924	ug/L	97
53) m,p-Xylene	9.700	106	105483	5.050	ug/L	97
54) o-Xylene	10.105	106	102773	5.053	ug/L	97
55) Styrene	10.118	104	175298	5.038	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	58199	4.830	ug/L #	97
59) Bromoform	10.295	173	28517	5.292	ug/L	98
60) Isopropylbenzene	10.491	105	269504	4.959	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	42123	4.624	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	223651	4.913	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	228627	4.895	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	127258	5.113	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	127095	5.010	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	122404	5.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	8817	4.474	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	93400	5.024	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	77480	4.923	ug/L	99
71) Naphthalene	14.092	128	146095	4.726	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	74918	5.252	ug/L	98

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

