

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044576.D
 Acq On : 07 Sep 2021 11:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 8:02:23 AM

Quant Time: Sep 08 02:23:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 07 10:51:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	128043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	128595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	73929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44561	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.919	69	43450	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.572	65	20520	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.642	46	137171m	47.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	5.073	84	87110	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.710	65	46480	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.735	84	175523	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.700	67	53765	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.903	98	162872	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.186	79	21662	5.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.642	63	123112	54.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	52568	5.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	67007	5.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	56173	4.266	ug/L	99
3) Chloromethane	1.520	50	58361	3.383	ug/L	97
5) Vinyl chloride	1.607	62	64431	4.040	ug/L	98
6) Bromomethane	1.861	94	37994	4.383	ug/L	97
8) Chloroethane	1.938	64	40958	4.201	ug/L	98
9) Trichlorofluoromethane	2.144	101	79615	4.366	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47470	4.731	ug/L	95
12) 1,1-Dichloroethene	2.588	96	45358	4.609	ug/L	85
13) Acetone	2.649	43	90324m	37.980	ug/L	
14) Carbon disulfide	2.800	76	141680	4.439	ug/L	100
15) Methyl Acetate	2.964	43	15745	4.054	ug/L #	88
16) Methylene chloride	3.054	84	56245	3.847	ug/L	89
17) Methyl tert-butyl Ether	3.372	73	116029	4.559	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	48997	4.779	ug/L	91
19) 1,1-Dichloroethane	3.880	63	84226	4.238	ug/L	99
21) 2-Butanone	4.719	43	148993m	43.963	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	52304	4.771	ug/L	95
23) Bromochloromethane	4.983	128	24017	4.970	ug/L #	85
25) Chloroform	5.096	83	91821	4.503	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57190	4.204	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	74485	4.628	ug/L	96
30) Cyclohexane	5.398	56	73985	4.158	ug/L	92
31) Carbon tetrachloride	5.533	117	60556	4.579	ug/L	100
33) Benzene	5.780	78	200484	4.595	ug/L	100
34) Trichloroethene	6.549	95	51776	4.800	ug/L	96
35) Methylcyclohexane	6.771	83	82384	4.579	ug/L	94
37) 1,2-Dichloropropane	6.797	63	49666	4.347	ug/L	99
38) Bromodichloromethane	7.112	83	65080	4.640	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	74860	4.672	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	347328	44.776	ug/L #	95
42) Toluene	7.977	91	219033	4.820	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	66405	4.890	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	41507	5.095	ug/L	96
47) Tetrachloroethene	8.558	164	39787	5.334	ug/L	96
48) 2-Hexanone	8.694	43	258604	46.722	ug/L	96
49) Dibromochloromethane	8.816	129	45331	5.258	ug/L	98
50) 1,2-Dibromoethane	8.931	107	39972	5.130	ug/L #	100
51) Chlorobenzene	9.452	112	139611	5.006	ug/L	96
52) Ethylbenzene	9.575	91	234514	4.885	ug/L	99
53) m,p-Xylene	9.700	106	92350	5.117	ug/L	94
54) o-Xylene	10.105	106	90165	5.128	ug/L	95
55) Styrene	10.118	104	159779	5.543	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	54412	5.073	ug/L	96
59) Bromoform	10.298	173	25984	4.975	ug/L	99
60) Isopropylbenzene	10.488	105	237671	4.405	ug/L	98
61) 1,2,3-Trichloropropane	10.828	75	39028	4.225	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	199688	4.526	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	208401	4.607	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	119231	5.033	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	120087	5.017	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	114411	5.067	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	9558	5.058	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	91046	5.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	81935	6.267	ug/L	98
71) Naphthalene	14.092	128	173688	6.968	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	78761	6.580	ug/L	98

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

