

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043342.D
 Acq On : 27 Apr 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Apr 27 23:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	108600	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	108999	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60201	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24821	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	22558	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.575	65	15713	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.665	46	135090	55.77	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	5.073	84	71564	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	44923	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.736	84	122335	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.700	67	42228	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.906	98	114136	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	8.189	79	17156	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	83482	45.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38478	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	44106	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	39125	5.62	ug/L	98
3) Chloromethane	1.523	50	35624	5.20	ug/L	97
5) Vinyl chloride	1.607	62	35598	4.99	ug/L	96
6) Bromomethane	1.864	94	19081	4.48	ug/L	99
8) Chloroethane	1.938	64	21229	4.13	ug/L	95
9) Trichlorofluoromethane	2.144	101	61339	4.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36707	5.11	ug/L	91
12) 1,1-Dichloroethene	2.588	96	31921	5.29	ug/L	85
13) Acetone	2.684	43	99996	56.19	ug/L	85
14) Carbon disulfide	2.800	76	79755	5.18	ug/L	98
15) Methyl Acetate	2.974	43	21250	6.35	ug/L	# 83
16) Methylene chloride	3.054	84	40326	5.16	ug/L	# 79
17) Methyl tert-butyl Ether	3.375	73	92892	4.71	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	32303	5.02	ug/L	88
19) 1,1-Dichloroethane	3.880	63	74665	5.33	ug/L	97
21) 2-Butanone	4.742	43	176811	60.20	ug/L	80
22) cis-1,2-Dichloroethene	4.678	96	37993	4.98	ug/L	88
23) Bromochloromethane	4.983	128	18294	5.26	ug/L	# 75
25) Chloroform	5.099	83	78356	5.24	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57642	5.26	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	66977	4.98	ug/L #	93
30) Cyclohexane	5.398	56	52616	4.56	ug/L	84
31) Carbon tetrachloride	5.533	117	55258	4.93	ug/L	99
33) Benzene	5.784	78	145825	5.00	ug/L	100
34) Trichloroethene	6.552	95	37961	4.73	ug/L	96
35) Methylcyclohexane	6.771	83	49585	4.46	ug/L #	86
37) 1,2-Dichloropropane	6.800	63	42238	5.15	ug/L	98
38) Bromodichloromethane	7.115	83	57008	5.18	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	57595	4.80	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	407885	55.56	ug/L #	82
42) Toluene	7.977	91	159127	4.89	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	54745	4.85	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	31555	5.15	ug/L	98
47) Tetrachloroethene	8.562	164	29742	4.67	ug/L	97
48) 2-Hexanone	8.697	43	317725	58.82	ug/L #	81
49) Dibromochloromethane	8.819	129	38783	5.01	ug/L	94
50) 1,2-Dibromoethane	8.932	107	30899	5.07	ug/L	98
51) Chlorobenzene	9.456	112	97279	4.68	ug/L	95
52) Ethylbenzene	9.578	91	168114	4.51	ug/L	97
53) m,p-Xylene	9.700	106	62326	4.57	ug/L	87
54) o-Xylene	10.108	106	59851	4.43	ug/L	90
55) Styrene	10.121	104	108281	4.68	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	43243	5.36	ug/L	99
59) Bromoform	10.301	173	24012	4.88	ug/L	97
60) Isopropylbenzene	10.491	105	164734	4.26	ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	31983	5.14	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	130675	4.14	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	131516	4.05	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	85418	4.66	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	85064	4.57	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	83559	4.69	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	7866	5.20	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	66874	4.45	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	55381	4.45	ug/L	99
71) Naphthalene	14.095	128	97665	4.65	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	54159	4.74	ug/L	99

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

