

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043306.D
 Acq On : 23 Apr 2021 21:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Apr 24 06:35:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110118	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	108462	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58902	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25949	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	22685	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.575	65	17801	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.80%
20) 2-Butanone-d5	4.661	46	145290	59.16	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.32%
24) Chloroform-d	5.076	84	75923	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.713	65	46422	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.739	84	133090	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.700	67	45101	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.906	98	123664	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.185	79	17951	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	93911	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	40172	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	47980	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37434	5.30	ug/L	98
3) Chloromethane	1.523	50	33508	4.82	ug/L	100
5) Vinyl chloride	1.607	62	33847	4.68	ug/L	99
6) Bromomethane	1.864	94	17801	4.12	ug/L	96
8) Chloroethane	1.941	64	19858	3.81	ug/L	97
9) Trichlorofluoromethane	2.144	101	60100	4.46	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38350	5.27	ug/L	95
12) 1,1-Dichloroethene	2.588	96	32725	5.35	ug/L	79
13) Acetone	2.687	43	99528	55.15	ug/L	92
14) Carbon disulfide	2.800	76	81366	5.22	ug/L	99
15) Methyl Acetate	2.977	43	22547	6.64	ug/L	# 89
16) Methylene chloride	3.054	84	48605	6.14	ug/L	81
17) Methyl tert-butyl Ether	3.375	73	99288	4.96	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	33408	5.12	ug/L	93
19) 1,1-Dichloroethane	3.880	63	76359	5.37	ug/L	98
21) 2-Butanone	4.742	43	189885	63.76	ug/L	78
22) cis-1,2-Dichloroethene	4.678	96	39222	5.08	ug/L	86
23) Bromochloromethane	4.983	128	20017	5.68	ug/L	# 80
25) Chloroform	5.099	83	80880	5.34	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61090	5.50	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	68315	5.10	ug/L #	94
30) Cyclohexane	5.398	56	55795	4.86	ug/L	86
31) Carbon tetrachloride	5.533	117	56597	5.07	ug/L	97
33) Benzene	5.784	78	152484	5.26	ug/L	100
34) Trichloroethene	6.549	95	39026	4.89	ug/L	93
35) Methylcyclohexane	6.771	83	51643	4.67	ug/L	88
37) 1,2-Dichloropropane	6.800	63	44509	5.45	ug/L #	97
38) Bromodichloromethane	7.115	83	59188	5.40	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	59519	4.99	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	432960	59.27	ug/L #	83
42) Toluene	7.976	91	165943	5.12	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	56759	5.05	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	33234	5.45	ug/L	96
47) Tetrachloroethene	8.562	164	30762	4.86	ug/L	93
48) 2-Hexanone	8.693	43	334952	62.32	ug/L #	83
49) Dibromochloromethane	8.819	129	40956	5.32	ug/L	92
50) 1,2-Dibromoethane	8.931	107	32205	5.31	ug/L #	96
51) Chlorobenzene	9.452	112	103171	4.99	ug/L	93
52) Ethylbenzene	9.578	91	178629	4.82	ug/L	96
53) m,p-Xylene	9.700	106	65867	4.85	ug/L	87
54) o-Xylene	10.108	106	65090	4.84	ug/L	93
55) Styrene	10.121	104	113305	4.92	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	45056	5.62	ug/L	99
59) Bromoform	10.298	173	24989	5.19	ug/L	99
60) Isopropylbenzene	10.491	105	174570	4.62	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	34275	5.63	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	140127	4.53	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	141704	4.46	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	88219	4.92	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	86803	4.77	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	86912	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	8288	5.60	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	67307	4.57	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	57368	4.71	ug/L	99
71) Naphthalene	14.092	128	109667	5.34	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	57682	5.16	ug/L	99

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

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