

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043112.D
 Acq On : 15 Apr 2021 10:30
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:18:40 AM

Quant Time: Apr 16 04:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	102419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	100099	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53448	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27507	4.24	ug/L	0.00
7) Chloroethane-d5	1.916	69	25383	5.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	16585	4.76	ug/L	0.00
20) 2-Butanone-d5	4.642	46	123970	53.99	ug/L	0.00
24) Chloroform-d	5.073	84	69849	5.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	43844	5.25	ug/L	0.00
32) Benzene-d6	5.735	84	125016	5.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	40228	5.12	ug/L	0.00
41) Toluene-d8	7.906	98	123065	5.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	17868	4.91	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	92461	52.32	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34930	5.02	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	48533	5.08	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	36583	4.05	ug/L	98
3) Chloromethane	1.520	50	33110	3.86	ug/L	98
5) Vinyl chloride	1.604	62	35401	4.13	ug/L	96
6) Bromomethane	1.861	94	20906	4.35	ug/L	96
8) Chloroethane	1.938	64	23420	4.42	ug/L	97
9) Trichlorofluoromethane	2.141	101	66218	4.60	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	35024	4.60	ug/L	91
12) 1,1-Dichloroethene	2.584	96	31320	4.48	ug/L	81
13) Acetone	2.649	43	89021m	49.25	ug/L	
14) Carbon disulfide	2.797	76	76309	3.57	ug/L	100
15) Methyl Acetate	2.964	43	15203	3.62	ug/L	90
16) Methylene chloride	3.051	84	36441	4.30	ug/L	86
17) Methyl tert-butyl Ether	3.372	73	96172	4.81	ug/L #	91
18) trans-1,2-Dichloroethene	3.359	96	32069	4.36	ug/L	88
19) 1,1-Dichloroethane	3.880	63	68246	4.73	ug/L	96
21) 2-Butanone	4.723	43	150526m	50.01	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	37895	4.75	ug/L	87
23) Bromochloromethane	4.986	128	17573	4.62	ug/L #	79
25) Chloroform	5.099	83	74080	4.86	ug/L	95
27) 1,2-Dichloroethane	5.803	62	53132	4.69	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	65782	4.79	ug/L	95
30) Cyclohexane	5.395	56	56921	4.26	ug/L	87
31) Carbon tetrachloride	5.533	117	53965	4.51	ug/L	96
33) Benzene	5.780	78	143836	4.69	ug/L	100
34) Trichloroethene	6.552	95	38111	4.51	ug/L	98
35) Methylcyclohexane	6.771	83	55182	4.34	ug/L	92
37) 1,2-Dichloropropane	6.800	63	40146	4.84	ug/L #	97
38) Bromodichloromethane	7.115	83	53523	4.92	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	59235	4.89	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	365266	49.82	ug/L #	84
42) Toluene	7.977	91	158716	4.74	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	54776	4.89	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	30333	4.92	ug/L	99
47) Tetrachloroethene	8.562	164	30924	4.49	ug/L	96
48) 2-Hexanone	8.694	43	274005	50.76	ug/L #	83
49) Dibromochloromethane	8.819	129	37749	4.89	ug/L	97
50) 1,2-Dibromoethane	8.931	107	29158	4.83	ug/L #	100
51) Chlorobenzene	9.456	112	101683	4.75	ug/L	93
52) Ethylbenzene	9.578	91	182114	4.82	ug/L	97
53) m,p-Xylene	9.700	106	66388	4.77	ug/L	85
54) o-Xylene	10.108	106	65972	4.87	ug/L	92
55) Styrene	10.121	104	113170	4.91	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	40191	4.87	ug/L	97
59) Bromoform	10.298	173	23775	5.00	ug/L	99
60) Isopropylbenzene	10.491	105	186192	5.07	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	29848	4.86	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	156110	4.96	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	158263	4.87	ug/L	96
64) 1,3-Dichlorobenzene	11.755	146	86774	4.80	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	88527	4.90	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	85460	4.91	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	7371	5.02	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	72185	4.64	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	59527	4.64	ug/L	99
71) Naphthalene	14.095	128	102723	4.91	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	55287	4.75	ug/L	97

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

