

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122820\
 Data File : VU041827.D
 Acq On : 28 Dec 2020 14:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005210

Quant Time: Dec 29 01:07:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	162557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	157404	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	83126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	60190	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	55445	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.57	65	26675	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.66	46	167512	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	5.08	84	108699	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.71	65	58548	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.74	84	215789	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	69550	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.90	98	218757	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.18	79	30513	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.64	63	156805	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	62473	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
66) 1,2-Dichlorobenzene-d4	12.19	152	75199	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	77098	5.181	ug/L 100
3) Chloromethane	1.52	50	72172	5.334	ug/L 98
5) Vinyl chloride	1.61	62	83022	5.008	ug/L 96
6) Bromomethane	1.86	94	56728	4.995	ug/L 100
8) Chloroethane	1.94	64	51929	4.948	ug/L 98
9) Trichlorofluoromethane	2.15	101	114456	4.997	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65266	5.060	ug/L 96
12) 1,1-Dichloroethene	2.59	96	63273	4.947	ug/L 95
13) Acetone	2.67	43	110960	44.181	ug/L # 37
14) Carbon disulfide	2.80	76	188886	4.411	ug/L 98
15) Methyl Acetate	2.97	43	27481	4.669	ug/L 98
16) Methylene chloride	3.06	84	70188	4.330	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	147542	4.761	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	59039	4.772	ug/L 94
19) 1,1-Dichloroethane	3.88	63	102733	4.678	ug/L 99
21) 2-Butanone	4.73	43	174736	50.406	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	63827	4.967	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	31958	5.121	ug/L	97
25) Chloroform	5.10	83	110053	4.962	ug/L	99
27) 1,2-Dichloroethane	5.81	62	73389	5.085	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	97197	5.163	ug/L	98
30) Cyclohexane	5.40	56	93920	5.416	ug/L	96
31) Carbon tetrachloride	5.54	117	85824	5.147	ug/L	99
33) Benzene	5.78	78	248360	5.293	ug/L	100
34) Trichloroethene	6.55	95	67574	5.509	ug/L	97
35) Methylcyclohexane	6.77	83	106271	5.652	ug/L	99
37) 1,2-Dichloropropane	6.80	63	64168	5.504	ug/L	100
38) Bromodichloromethane	7.11	83	85745	5.601	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	97328	5.567	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	451004	60.429	ug/L	99
42) Toluene	7.97	91	281601	5.689	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	84347	5.272	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	48274	5.113	ug/L	97
47) Tetrachloroethene	8.56	164	50894	5.308	ug/L	97
48) 2-Hexanone	8.69	43	292049	53.512	ug/L	98
49) Dibromochloromethane	8.81	129	59510	5.240	ug/L	95
50) 1,2-Dibromoethane	8.93	107	48892	5.231	ug/L #	99
51) Chlorobenzene	9.45	112	174307	5.370	ug/L	99
52) Ethylbenzene	9.57	91	275327	5.338	ug/L	100
53) m,p-Xylene	9.69	106	108783	5.377	ug/L	98
54) o-Xylene	10.10	106	108032	5.606	ug/L	97
55) Styrene	10.11	104	181168	5.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.78	83	64090	5.167	ug/L	98
59) Bromoform	10.29	173	36798	5.138	ug/L	100
60) Isopropylbenzene	10.48	105	278463	5.353	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	46436	4.976	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	231278	5.417	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	233702	5.513	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	134148	5.333	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	135965	5.319	ug/L	99
67) 1,2-Dichlorobenzene	12.20	146	129573	5.180	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.99	75	10220	4.758	ug/L	89
69) 1,3,5-Trichlorobenzene	13.21	180	98365	5.219	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	76376	5.554	ug/L	98
71) Naphthalene	14.08	128	128339	5.292	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	71575	5.451	ug/L	99

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

