

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042530.D
 Acq On : 08 Mar 2021 15:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Mar 09 01:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	91194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48734	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23717	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.919	69	22158	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.578	63	62173	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.642	46	85056	42.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	5.073	84	60507	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.713	65	38222	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.735	84	105052	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	35259	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	104200	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.189	79	15602	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.645	63	80525	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32933	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	44394	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41416	4.88	ug/L	99
3) Chloromethane	1.523	50	38624	4.81	ug/L	98
5) Vinyl chloride	1.607	62	39158	4.85	ug/L	96
6) Bromomethane	1.864	94	23945	5.38	ug/L	100
8) Chloroethane	1.941	64	24448	5.08	ug/L	98
9) Trichlorofluoromethane	2.144	101	66672	5.06	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	35785	5.17	ug/L	97
12) 1,1-Dichloroethene	2.587	96	31857	4.96	ug/L	94
13) Acetone	2.655	43	56107	36.48	ug/L	98
14) Carbon disulfide	2.803	76	93754	4.58	ug/L	99
15) Methyl Acetate	2.964	43	14197	3.71	ug/L	95
16) Methylene chloride	3.054	84	34427	4.47	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	87133	4.82	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	32693	4.84	ug/L	99
19) 1,1-Dichloroethane	3.880	63	65276	5.01	ug/L	99
21) 2-Butanone	4.726	43	103066	39.42	ug/L	96
22) cis-1,2-Dichloroethene	4.677	96	36195	5.01	ug/L	97
23) Bromochloromethane	4.986	128	17377	5.06	ug/L	90
25) Chloroform	5.099	83	68985	5.04	ug/L	99

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

27) 1,2-Dichloroethane	5.806	62	53018	5.16	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	62528	4.89	ug/L	98
30) Cyclohexane	5.398	56	58008	4.55	ug/L	99
31) Carbon tetrachloride	5.533	117	55255	4.90	ug/L	100
33) Benzene	5.783	78	137883	4.80	ug/L	100
34) Trichloroethene	6.552	95	37617	4.72	ug/L	98
35) Methylcyclohexane	6.771	83	56953	4.70	ug/L	97
37) 1,2-Dichloropropane	6.800	63	37109	4.78	ug/L	100
38) Bromodichloromethane	7.115	83	50201	4.96	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	53636	4.74	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	326194	48.20	ug/L	95
42) Toluene	7.976	91	152291	4.86	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	50728	4.86	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28121	4.91	ug/L	95
47) Tetrachloroethene	8.562	164	30952	4.76	ug/L	98
48) 2-Hexanone	8.697	43	245512	49.17	ug/L	95
49) Dibromochloromethane	8.819	129	35719	4.99	ug/L	95
50) 1,2-Dibromoethane	8.931	107	28397	5.03	ug/L	97
51) Chlorobenzene	9.455	112	97962	4.89	ug/L	97
52) Ethylbenzene	9.578	91	170739	4.83	ug/L	98
53) m,p-Xylene	9.700	106	63710	4.88	ug/L	94
54) o-Xylene	10.108	106	62715	4.95	ug/L	97
55) Styrene	10.121	104	106395	4.95	ug/L	100
56) Isopropylbenzene	10.491	105	172151	4.95	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37487	4.89	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28037	4.81	ug/L	99
61) Bromoform	10.298	173	22760	5.17	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	84462	5.02	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	82925	4.95	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	81712	5.05	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.008	75	7165	5.27	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.227	180	69305	4.76	ug/L	98
68) 1,2,4-trichlorobenzene	13.847	180	54876	4.55	ug/L	98
69) Naphthalene	14.095	128	88541	4.52	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	52468	4.79	ug/L	99

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

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