

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042875.D
 Acq On : 01 Apr 2021 14:29
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Manual Integrations
 APPROVED

apatel
 4/5/2021 8:36:47 AM

Quant Time: Apr 02 14:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	91095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49297	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29930	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.919	69	25951	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.60%			
11) 1,1-Dichloroethene-d2	2.578	63	71071	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.60%			
20) 2-Butanone-d5	4.649	46	112189m	48.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.46%			
24) Chloroform-d	5.073	84	66929	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.713	65	41799	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.739	84	120281	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.700	67	39891	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.906	98	118810	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloroprop...	8.185	79	18641	5.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.20%			
46) 2-Hexanone-d5	8.645	63	94952	54.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.18%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35592	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	49080	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	38290	5.23	ug/L	98
3) Chloromethane	1.523	50	35853	5.00	ug/L	98
5) Vinyl chloride	1.607	62	35810	4.95	ug/L	99
6) Bromomethane	1.864	94	22055	5.17	ug/L	99
8) Chloroethane	1.941	64	22810	4.87	ug/L	98
9) Trichlorofluoromethane	2.144	101	65601	5.19	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34266	5.48	ug/L	97
12) 1,1-Dichloroethene	2.588	96	31389	5.29	ug/L	89
13) Acetone	2.658	43	60318m	43.76	ug/L	
14) Carbon disulfide	2.800	76	92440	5.06	ug/L	100
15) Methyl Acetate	2.964	43	17854	5.81	ug/L	94
16) Methylene chloride	3.054	84	34241	5.04	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	83199	4.99	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	31091	5.10	ug/L	94
19) 1,1-Dichloroethane	3.880	63	61739	5.07	ug/L	98
21) 2-Butanone	4.729	43	110966m	44.41	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	34310	5.05	ug/L	99
23) Bromochloromethane	4.989	128	16834	5.31	ug/L	96
25) Chloroform	5.099	83	67321	5.05	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042875.D
 Acq On : 01 Apr 2021 14:29
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Manual Integrations
 APPROVED

apatel
 4/5/2021 8:36:47 AM

Quant Time: Apr 02 14:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	5.806	62	49187	5.06	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	59461	5.15	ug/L	95
30) Cyclohexane	5.398	56	57719	5.14	ug/L	98
31) Carbon tetrachloride	5.533	117	52166	5.19	ug/L	99
33) Benzene	5.784	78	134022	5.07	ug/L	100
34) Trichloroethene	6.552	95	36377	5.12	ug/L	98
35) Methylcyclohexane	6.771	83	56143	5.26	ug/L	97
37) 1,2-Dichloropropane	6.800	63	37368	5.21	ug/L	97
38) Bromodichloromethane	7.115	83	48009	5.10	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	52756	5.04	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	331075	52.36	ug/L	95
42) Toluene	7.976	91	148264	5.10	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	49793	5.10	ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	26890	5.14	ug/L	96
47) Tetrachloroethene	8.562	164	29496	5.07	ug/L	96
48) 2-Hexanone	8.697	43	246600	53.22	ug/L	95
49) Dibromochloromethane	8.819	129	34046	5.16	ug/L	98
50) 1,2-Dibromoethane	8.935	107	26561	5.16	ug/L	98
51) Chlorobenzene	9.456	112	92106	4.97	ug/L	98
52) Ethylbenzene	9.578	91	165489	5.09	ug/L	99
53) m,p-Xylene	9.700	106	62066	5.16	ug/L	95
54) o-Xylene	10.108	106	60435	5.14	ug/L	92
55) Styrene	10.121	104	103200	5.10	ug/L	97
56) Isopropylbenzene	10.491	105	168479	5.15	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	35378	5.18	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	26945	5.24	ug/L	100
61) Bromoform	10.301	173	21265	5.26	ug/L	97
62) 1,3-Dichlorobenzene	11.754	146	83008	5.24	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	82799	5.24	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	79982	5.27	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.008	75	6369	5.47	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	66931	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	57031	5.45	ug/L	98
69) Naphthalene	14.095	128	91627	5.38	ug/L	98
70) 1,2,3-Trichlorobenzene	14.340	180	51579	5.41	ug/L	98

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

