

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042886.D
 Acq On : 01 Apr 2021 19:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:51 PM

Quant Time: Apr 02 14:13:48 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	90199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49576	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26478	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.919	69	23002	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.575	63	62344	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.645	46	108022m	47.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.12%			
24) Chloroform-d	5.073	84	62089	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.713	65	37921	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.735	84	110728	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.700	67	36532	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.906	98	105652	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloroprop...	8.185	79	16028	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.642	63	88739	51.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.60%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34173	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	45597	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35945	4.97	ug/L	96
3) Chloromethane	1.523	50	35205	4.98	ug/L	98
5) Vinyl chloride	1.607	62	35167	4.92	ug/L	100
6) Bromomethane	1.864	94	21632	5.14	ug/L	99
8) Chloroethane	1.941	64	21715	4.70	ug/L	99
9) Trichlorofluoromethane	2.144	101	60699	4.87	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31059	5.03	ug/L	97
12) 1,1-Dichloroethene	2.588	96	28299	4.83	ug/L	87
13) Acetone	2.655	43	61945m	45.55	ug/L	
14) Carbon disulfide	2.800	76	86252	4.79	ug/L	99
15) Methyl Acetate	2.967	43	13044	4.30	ug/L #	73
16) Methylene chloride	3.054	84	33107	4.94	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	78519	4.77	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	28760	4.78	ug/L	93
19) 1,1-Dichloroethane	3.883	63	59029	4.91	ug/L	96
21) 2-Butanone	4.729	43	113405m	46.00	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	32812	4.89	ug/L	98
23) Bromochloromethane	4.983	128	14943	4.78	ug/L	88
25) Chloroform	5.099	83	61972	4.71	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042886.D
 Acq On : 01 Apr 2021 19:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:51 PM

Quant Time: Apr 02 14:13:48 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	5.803	62	46012	4.80	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	56042	4.97	ug/L	98
30) Cyclohexane	5.398	56	52560	4.80	ug/L	99
31) Carbon tetrachloride	5.533	117	47530	4.84	ug/L	99
33) Benzene	5.784	78	126760	4.91	ug/L	100
34) Trichloroethene	6.549	95	33780	4.87	ug/L	99
35) Methylcyclohexane	6.774	83	50425	4.84	ug/L	97
37) 1,2-Dichloropropane	6.800	63	33638	4.80	ug/L #	97
38) Bromodichloromethane	7.115	83	45122	4.91	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	47874	4.68	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	308827	50.05	ug/L	96
42) Toluene	7.976	91	138071	4.87	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	46117	4.84	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	26092	5.11	ug/L	97
47) Tetrachloroethene	8.562	164	28100	4.95	ug/L	96
48) 2-Hexanone	8.697	43	228976	50.63	ug/L	96
49) Dibromochloromethane	8.819	129	31724	4.93	ug/L	97
50) 1,2-Dibromoethane	8.931	107	25156	5.01	ug/L	98
51) Chlorobenzene	9.452	112	86971	4.81	ug/L	98
52) Ethylbenzene	9.578	91	153289	4.84	ug/L	100
53) m,p-Xylene	9.700	106	58047	4.95	ug/L	98
54) o-Xylene	10.108	106	57047	4.97	ug/L	97
55) Styrene	10.121	104	98386	4.99	ug/L	98
56) Isopropylbenzene	10.491	105	155745	4.88	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	33462	5.02	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	24237	4.83	ug/L	98
61) Bromoform	10.298	173	19488	4.80	ug/L	99
62) 1,3-Dichlorobenzene	11.751	146	74636	4.69	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	75755	4.76	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	73193	4.80	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5777	4.93	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	61200	4.76	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	48787	4.63	ug/L	98
69) Naphthalene	14.095	128	82215	4.80	ug/L	100
70) 1,2,3-Trichlorobenzene	14.339	180	46909	4.89	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042886.D
Acq On : 01 Apr 2021 19:38
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:51 PM

Quant Time: Apr 02 14:13:48 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

