

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043239.D
 Acq On : 21 Apr 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005141

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:47:06 PM

Quant Time: Apr 22 04:37:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	90268	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	90051	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48010	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18255	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	17554	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.572	65	12285	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.662	46	106615	52.96	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	5.073	84	57448	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	34653	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.739	84	96675	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	33271	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	91501	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloroprop...	8.189	79	13825	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.646	63	65475	42.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28887	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.202	152	36707	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	30756	5.32	ug/L	97
3) Chloromethane	1.524	50	29003	5.09	ug/L	96
5) Vinyl chloride	1.607	62	29425	4.96	ug/L	96
6) Bromomethane	1.864	94	15287	4.32	ug/L	97
8) Chloroethane	1.942	64	17848	4.18	ug/L	98
9) Trichlorofluoromethane	2.144	101	52703	4.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31463	5.27	ug/L	96
12) 1,1-Dichloroethene	2.588	96	26091	5.20	ug/L	85
13) Acetone	2.684	43	83424m	56.39	ug/L	
14) Carbon disulfide	2.800	76	65264	5.10	ug/L	100
15) Methyl Acetate	2.971	43	17926	6.44	ug/L	# 76
16) Methylene chloride	3.054	84	33420	5.15	ug/L	80
17) Methyl tert-butyl Ether	3.376	73	77918	4.75	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	27413	5.12	ug/L	87
19) 1,1-Dichloroethane	3.877	63	59370	5.10	ug/L	97
21) 2-Butanone	4.745	43	131863	54.01	ug/L	83
22) cis-1,2-Dichloroethene	4.675	96	31529	4.98	ug/L	86
23) Bromochloromethane	4.987	128	15429	5.34	ug/L	# 77
25) Chloroform	5.099	83	63136	5.08	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043239.D
 Acq On : 21 Apr 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:47:06 PM

Quant Time: Apr 22 04:37:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	47886	5.26	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	55993	5.04	ug/L #	94
30) Cyclohexane	5.398	56	45144	4.74	ug/L	85
31) Carbon tetrachloride	5.533	117	45446	4.90	ug/L	99
33) Benzene	5.784	78	122772	5.10	ug/L	100
34) Trichloroethene	6.549	95	32134	4.85	ug/L	94
35) Methylcyclohexane	6.771	83	42444	4.62	ug/L #	88
37) 1,2-Dichloropropane	6.800	63	35155	5.19	ug/L #	97
38) Bromodichloromethane	7.115	83	46425	5.10	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	48340	4.88	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	318838	52.57	ug/L #	83
42) Toluene	7.977	91	132802	4.93	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	44620	4.78	ug/L	97
45) 1,1,2-Trichloroethane	8.408	97	25312	5.00	ug/L	97
47) Tetrachloroethene	8.562	164	24663	4.69	ug/L	95
48) 2-Hexanone	8.697	43	246546	55.25	ug/L #	84
49) Dibromochloromethane	8.819	129	31805	4.98	ug/L	96
50) 1,2-Dibromoethane	8.932	107	24746	4.91	ug/L #	96
51) Chlorobenzene	9.453	112	84015	4.90	ug/L	95
52) Ethylbenzene	9.578	91	143870	4.67	ug/L	97
53) m,p-Xylene	9.700	106	53771	4.77	ug/L	93
54) o-Xylene	10.108	106	51197	4.59	ug/L	84
55) Styrene	10.121	104	93334	4.88	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	34416	5.17	ug/L	99
59) Bromoform	10.298	173	19355	4.93	ug/L	97
60) Isopropylbenzene	10.491	105	143109	4.65	ug/L	97
61) 1,2,3-Trichloropropane	10.829	75	25107	5.06	ug/L	96
62) 1,3,5-Trimethylbenzene	11.096	105	116578	4.63	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	118678	4.58	ug/L	96
64) 1,3-Dichlorobenzene	11.752	146	71604	4.90	ug/L	97
65) 1,4-Dichlorobenzene	11.842	146	70853	4.78	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	69752	4.91	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6184	5.12	ug/L	89
69) 1,3,5-Trichlorobenzene	13.227	180	57575	4.80	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	48810	4.91	ug/L	97
71) Naphthalene	14.095	128	84523	5.05	ug/L	98
72) 1,2,3-Trichlorobenzene	14.337	180	48375	5.31	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
Data File : VU043239.D
Acq On : 21 Apr 2021 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:47:06 PM

Quant Time: Apr 22 04:37:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

