

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044627.D
 Acq On : 14 Sep 2021 13:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	66068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33265	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	36014	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.575	65	17319	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.645	46	167359m	50.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.073	84	77019	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.710	65	47170	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.735	84	155683	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.697	67	53761	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.902	98	130924	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.185	79	17729	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.645	63	125587	48.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	48322	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	50140	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2492	0.235	ug/L	98
3) Chloromethane	1.520	50	3205	0.251	ug/L	88
5) Vinyl chloride	1.607	62	3172	0.243	ug/L #	58
6) Bromomethane	1.861	94	1633	0.245	ug/L	84
8) Chloroethane	1.938	64	2741	0.330	ug/L	89
9) Trichlorofluoromethane	2.144	101	3624	0.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2599	0.289	ug/L	88
12) 1,1-Dichloroethene	2.584	96	2445	0.286	ug/L #	1
13) Acetone	2.645	43	3639	1.695	ug/L	95
14) Carbon disulfide	2.800	76	6006	0.222	ug/L	98
15) Methyl Acetate	2.961	43	1521	0.392	ug/L #	55
16) Methylene chloride	3.054	84	6885	0.506	ug/L	95
17) Methyl tert-butyl Ether	3.379	73	5511	0.233	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	2023	0.222	ug/L	96
19) 1,1-Dichloroethane	3.880	63	4781	0.260	ug/L	96
21) 2-Butanone	4.729	43	7273m	2.029	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	2368	0.236	ug/L	95
23) Bromochloromethane	4.986	128	1009	0.237	ug/L	78
25) Chloroform	5.096	83	10445	0.533	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044627.D
 Acq On : 14 Sep 2021 13:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	3346	0.261	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	3422	0.229	ug/L	99
30) Cyclohexane	5.398	56	3590	0.210	ug/L	93
31) Carbon tetrachloride	5.530	117	2721	0.233	ug/L	96
33) Benzene	5.784	78	9908	0.244	ug/L	100
34) Trichloroethene	6.546	95	2394	0.238	ug/L	98
35) Methylcyclohexane	6.767	83	3879	0.235	ug/L	95
37) 1,2-Dichloropropane	6.800	63	2621	0.241	ug/L #	88
38) Bromodichloromethane	7.112	83	3114	0.236	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	3457	0.224	ug/L	93
40) 4-Methyl-2-pentanone	7.803	43	18125	2.140	ug/L #	90
42) Toluene	7.973	91	11316	0.267	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3560m	0.271	ug/L	
45) 1,1,2-Trichloroethane	8.410	97	1765	0.228	ug/L	97
47) Tetrachloroethene	8.558	164	1569	0.225	ug/L	94
48) 2-Hexanone	8.697	43	20500	3.251	ug/L #	94
49) Dibromochloromethane	8.812	129	1851	0.228	ug/L	82
50) 1,2-Dibromoethane	8.928	107	1680	0.231	ug/L #	81
51) Chlorobenzene	9.452	112	6187	0.235	ug/L	96
52) Ethylbenzene	9.574	91	10165	0.221	ug/L	100
53) m,p-Xylene	9.700	106	3673	0.210	ug/L	95
54) o-Xylene	10.105	106	3575	0.214	ug/L	90
55) Styrene	10.121	104	5561	0.190	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	2554	0.246	ug/L	88
59) Bromoform	10.298	173	939	0.229	ug/L #	90
60) Isopropylbenzene	10.491	105	9067	0.219	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2014	0.276	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	7056	0.205	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	7337	0.208	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	4669	0.242	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	4822	0.242	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4558	0.249	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	375	0.234	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.224	180	3296	0.225	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	2397	0.194	ug/L #	93
71) Naphthalene	14.092	128	4228	0.175	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	2374	0.209	ug/L	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
Data File : VU044627.D
Acq On : 14 Sep 2021 13:54
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 15 01:41:41 2021
Response via : Initial Calibration

