

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052196.D
 Acq On : 07 Dec 2022 12:55
 Operator : JC/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 08 04:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99384	4.571	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.912	69	81666	4.836	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.565	65	36824	4.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	4.639	46	178969	45.413	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.820%	
24) Chloroform-d	5.060	84	160725	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.700	65	79295	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.726	84	315052	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.690	67	103521	4.943	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.896	98	247222	4.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.176	79	32694	4.284	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.632	63	133934	41.408	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.820%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85040	4.683	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	85044	5.091	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	4099	0.211	ug/L	98
3) Chloromethane	1.523	50	7072	0.280	ug/L	86
5) Vinyl chloride	1.600	62	5179	0.213	ug/L #	67
6) Bromomethane	1.854	94	2548	0.204	ug/L	93
8) Chloroethane	1.935	64	3207	0.212	ug/L	94
9) Trichlorofluoromethane	2.137	101	6087	0.228	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4898	0.300	ug/L #	84
12) 1,1-Dichloroethene	2.575	96	4413	0.272	ug/L #	1
14) Carbon disulfide	2.793	76	12580	0.224	ug/L	96
16) Methylene chloride	3.044	84	10288	0.469	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	6533	0.180	ug/L #	95
18) trans-1,2-Dichloroethene	3.356	96	3699	0.213	ug/L	85
19) 1,1-Dichloroethane	3.867	63	6673	0.213	ug/L	97
21) 2-Butanone	4.745	43	8757m	2.042	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	3735	0.205	ug/L	85
23) Bromochloromethane	4.973	128	1782	0.204	ug/L	93
27) 1,2-Dichloroethane	5.796	62	3895	0.200	ug/L #	94
29) 1,1,1-Trichloroethane	5.317	97	5128	0.203	ug/L	93
30) Cyclohexane	5.385	56	4293	0.175	ug/L #	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052196.D
 Acq On : 07 Dec 2022 12:55
 Operator : JC/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 08 04:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.526	117	4631	0.215	ug/L	99
33) Benzene	5.774	78	15236	0.205	ug/L	100
34) Trichloroethene	6.546	95	3627	0.196	ug/L	98
35) Methylcyclohexane	6.764	83	4786	0.180	ug/L	98
37) 1,2-Dichloropropane	6.793	63	4011	0.209	ug/L #	88
38) Bromodichloromethane	7.108	83	4936	0.211	ug/L #	91
39) cis-1,3-Dichloropropene	7.603	75	4339	0.176	ug/L	89
40) 4-Methyl-2-pentanone	7.793	43	14901	1.485	ug/L #	85
44) trans-1,3-Dichloropropene	8.208	75	4168	0.197	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	3218	0.223	ug/L	97
49) Dibromochloromethane	8.809	129	3512	0.217	ug/L	94
50) 1,2-Dibromoethane	8.925	107	2501	0.190	ug/L #	87
51) Chlorobenzene	9.446	112	10397	0.214	ug/L	98
52) Ethylbenzene	9.568	91	12054	0.162	ug/L	96
53) m,p-Xylene	9.693	106	4112	0.143	ug/L	89
54) o-Xylene	10.099	106	4264	0.155	ug/L	86
55) Styrene	10.118	104	5908	0.127	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.780	83	3879	0.215	ug/L #	98
59) Bromoform	10.288	173	1840	0.256	ug/L #	93
60) Isopropylbenzene	10.481	105	10021	0.183	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	2483	0.249	ug/L	97
62) 1,3,5-Trimethylbenzene	11.082	105	6917	0.158	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	6734	0.155	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	5404	0.193	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	6025	0.216	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	6127	0.227	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.999	75	418	0.191	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	4561	0.230	ug/L #	91
70) 1,2,4-trichlorobenzene	13.841	180	3349	0.222	ug/L	93
71) Naphthalene	14.095	128	4784	0.169	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.327	180	2753	0.185	ug/L	97

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
Data File : VU052196.D
Acq On    : 07 Dec 2022  12:55
Operator  : JC/MD
Sample    : MDL05
Misc      : 25.0mL/MSVOA_U/WATER
ALS Vial  : 7   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Manual Integrations

Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 08 04:14:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 01:59:42 2022
Response via : Initial Calibration

