

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049850.D
 Acq On : 22 Jul 2022 15:21
 Operator : SY/MD
 Sample : N3670-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Jul 23 05:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/25/2022
 Supervised By :Semsettin Yesilyurt 07/25/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87649	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34186	4.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.909	69	29222	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.565	65	15347	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.633	46	134626	52.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.460%
24) Chloroform-d	5.067	84	72173	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.703	65	45016	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.729	84	134249	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.690	67	47477	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	110513	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	17034	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.636	63	73503	53.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43902	5.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38710	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2471	0.267	ug/L #	88
3) Chloromethane	1.520	50	3792	0.333	ug/L	88
5) Vinyl chloride	1.601	62	2967	0.312	ug/L	84
6) Bromomethane	1.855	94	1624	0.315	ug/L	96
8) Chloroethane	1.932	64	1583	0.289	ug/L	86
9) Trichlorofluoromethane	2.137	101	3783	0.323	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2503	0.437	ug/L #	90
12) 1,1-Dichloroethene	2.578	96	2033	0.351	ug/L #	1
13) Acetone	2.639	43	7361	4.793	ug/L	100
14) Carbon disulfide	2.787	76	5707	0.319	ug/L #	93
15) Methyl Acetate	2.961	43	1065	0.278	ug/L #	67
16) Methylene chloride	3.047	84	3185	0.244	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	5343	0.285	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	1772	0.265	ug/L	77
19) 1,1-Dichloroethane	3.874	63	4061	0.281	ug/L #	96
21) 2-Butanone	4.719	43	5932	2.278	ug/L	88
22) cis-1,2-Dichloroethene	4.674	96	2314	0.298	ug/L	95
23) Bromochloromethane	4.977	128	1066	0.308	ug/L	81
25) Chloroform	5.086	83	4324	0.282	ug/L	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049850.D
 Acq On : 22 Jul 2022 15:21
 Operator : SY/MD
 Sample : N3670-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Jul 23 05:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/25/2022
 Supervised By :Semsettin Yesilyurt 07/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	3361	0.319	ug/L #	93
29) 1,1,1-Trichloroethane	5.324	97	3583	0.313	ug/L	99
30) Cyclohexane	5.385	56	3181	0.344	ug/L #	89
31) Carbon tetrachloride	5.523	117	3027	0.326	ug/L	100
33) Benzene	5.777	78	8801	0.298	ug/L	100
34) Trichloroethene	6.542	95	2254	0.315	ug/L	96
35) Methylcyclohexane	6.761	83	3561	0.403	ug/L #	87
37) 1,2-Dichloropropane	6.793	63	2488	0.295	ug/L #	89
38) Bromodichloromethane	7.112	83	2718	0.258	ug/L #	92
39) cis-1,3-Dichloropropene	7.607	75	2885m	0.260	ug/L	
40) 4-Methyl-2-pentanone	7.793	43	16216	2.760	ug/L #	87
42) Toluene	7.973	91	10122	0.342	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	3027	0.316	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	1598	0.266	ug/L	94
47) Tetrachloroethene	8.558	164	1524	0.309	ug/L	87
48) 2-Hexanone	8.687	43	26157	5.965	ug/L #	97
49) Dibromochloromethane	8.809	129	1994	0.297	ug/L #	74
50) 1,2-Dibromoethane	8.925	107	1528	0.286	ug/L #	96
51) Chlorobenzene	9.449	112	5948	0.317	ug/L	91
52) Ethylbenzene	9.574	91	8917	0.293	ug/L	97
53) m,p-Xylene	9.693	106	3188	0.285	ug/L	90
54) o-Xylene	10.105	106	2974	0.269	ug/L	96
55) Styrene	10.115	104	4717	0.252	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.780	83	2293	0.295	ug/L #	99
59) Bromoform	10.298	173	1143	0.356	ug/L #	95
60) Isopropylbenzene	10.488	105	7543	0.309	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	1645	0.335	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.089	105	5713	0.277	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	5462	0.273	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	3646	0.302	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	4220	0.354	ug/L	96
67) 1,2-Dichlorobenzene	12.217	146	4325	0.363	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	311	0.283	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.224	180	3281	0.368	ug/L	91
70) 1,2,4-trichlorobenzene	13.844	180	3492	0.467	ug/L	98
71) Naphthalene	14.092	128	8856	0.607	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	3827	0.532	ug/L	88

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

