

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057979.D
 Acq On : 01 Mar 2024 15:38
 Operator : MD/SY
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Mar 01 22:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65157	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49613	4.699	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.907	69	41296	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.560	65	22071	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.612	46	87477	50.284	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.560%	
24) Chloroform-d	5.055	84	96472	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.695	65	46716	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.721	84	195107	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.682	67	60869	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	172754	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.177	79	20530	4.819	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.627	63	70634	49.378	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37139	4.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	54837	5.110	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2219	0.250	ug/L	91
3) Chloromethane	1.515	50	2812	0.270	ug/L	100
5) Vinyl chloride	1.602	62	3098	0.277	ug/L #	79
6) Bromomethane	1.853	94	1442	0.245	ug/L	96
8) Chloroethane	1.927	64	1758	0.250	ug/L	99
9) Trichlorofluoromethane	2.133	101	4440	0.279	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3059	0.307	ug/L #	84
12) 1,1-Dichloroethene	2.576	96	2705	0.306	ug/L #	1
14) Carbon disulfide	2.788	76	6995	0.255	ug/L	95
15) Methyl Acetate	2.969	43	680m	0.237	ug/L	
16) Methylene chloride	3.039	84	3850	0.358	ug/L #	79
17) Methyl tert-butyl Ether	3.358	73	5062	0.242	ug/L #	83
18) trans-1,2-Dichloroethene	3.351	96	2276	0.236	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5051	0.263	ug/L	95
21) 2-Butanone	4.721	43	5189m	2.544	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	2715	0.256	ug/L	92
23) Bromochloromethane	4.972	128	946	0.240	ug/L #	86
25) Chloroform	5.078	83	7442	0.379	ug/L	96
27) 1,2-Dichloroethane	5.795	62	2948	0.271	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057979.D
 Acq On : 01 Mar 2024 15:38
 Operator : MD/SY
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Mar 01 22:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.380	56	4125	0.245	ug/L	97
31) Carbon tetrachloride	5.518	117	3569	0.247	ug/L	99
33) Benzene	5.769	78	10798	0.252	ug/L	100
35) Methylcyclohexane	6.759	83	4256	0.246	ug/L	96
37) 1,2-Dichloropropane	6.788	63	2576	0.233	ug/L #	91
38) Bromodichloromethane	7.103	83	3405	0.254	ug/L #	92
39) cis-1,3-Dichloropropene	7.608	75	3482	0.228	ug/L	90
40) 4-Methyl-2-pentanone	7.788	43	11289	2.218	ug/L #	90
42) Toluene	7.968	91	12507	0.280	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	2950m	0.243	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1447	0.221	ug/L	91
48) 2-Hexanone	8.682	43	15214m	4.075	ug/L	
49) Dibromochloromethane	8.804	129	1895	0.244	ug/L	89
50) 1,2-Dibromoethane	8.923	107	1358	0.233	ug/L #	95
51) Chlorobenzene	9.444	112	7449	0.266	ug/L	96
52) Ethylbenzene	9.566	91	11888	0.238	ug/L	97
53) m,p-Xylene	9.692	106	4633	0.259	ug/L	84
54) o-Xylene	10.100	106	4041	0.227	ug/L	90
55) Styrene	10.116	104	6024	0.216	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	1844	0.239	ug/L #	76
59) Bromoform	10.287	173	831	0.229	ug/L #	92
60) Isopropylbenzene	10.483	105	9970	0.230	ug/L	94
61) 1,2,3-Trichloropropane	10.820	75	1479	0.277	ug/L	90
62) 1,3,5-Trimethylbenzene	11.087	105	8437	0.231	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	8235	0.228	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5211	0.264	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	7684	0.398	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	4437	0.258	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	213	0.201	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.222	180	3286	0.232	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	3027	0.284	ug/L	95
71) Naphthalene	14.103	128	3670	0.252	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.335	180	2089	0.248	ug/L	92

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

