

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051646.D
 Acq On : 01 Nov 2022 06:13
 Operator : JC/MD
 Sample : N5319-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 01 07:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	247739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	250090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	79396	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.912	69	86641	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.562	65	26154	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.636	46	365682	54.116	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.240%
24) Chloroform-d	5.060	84	179990	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.706	65	102330	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.732	84	356403	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.690	67	129349	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.902	98	288625	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.179	79	30773	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.632	63	278505	54.828	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	120733	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	115603	4.718	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.600	62	1325204	40.506	ug/L	94
8) Chloroethane	1.932	64	785388	39.534	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34529	1.635	ug/L	98
12) 1,1-Dichloroethene	2.578	96	18322	0.851	ug/L #	52
13) Acetone	2.645	43	1010115	294.618	ug/L	97
14) Carbon disulfide	2.790	76	12550	0.181	ug/L	98
15) Methyl Acetate	2.957	43	24472	2.726	ug/L #	76
16) Methylene chloride	3.044	84	18438	0.523	ug/L	88
18) trans-1,2-Dichloroethene	3.353	96	9838	0.426	ug/L	96
19) 1,1-Dichloroethane	3.867	63	422899	9.919	ug/L	99
21) 2-Butanone	4.713	43	367594	68.464	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	9122213	356.676	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	41201	1.213	ug/L	95
30) Cyclohexane	5.388	56	154170	4.931	ug/L	99
33) Benzene	5.755	78	34242743m	346.965	ug/L	
34) Trichloroethene	6.546	95	4645	0.195	ug/L	88
35) Methylcyclohexane	6.761	83	167178	5.077	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	699291	54.923	ug/L	100
42) Toluene	7.957	91	39182398m	386.578	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.446	112	6021955	94.399	ug/L	98
52) Ethylbenzene	9.561	91	19628513m	200.706	ug/L	98
53) m,p-Xylene	9.690	106	18055756m	475.326	ug/L	98
54) o-Xylene	10.102	106	6500643	175.106	ug/L	93
60) Isopropylbenzene	10.484	105	9023237	92.582	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1371222	52.261	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	6423841	84.909	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	53014	1.093	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	446408	9.176	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	583395	12.344	ug/L	99

11/01/2022
 Supervised By :Mahesh
 Dadoda

11/03/2022

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

