

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052217.D
 Acq On : 07 Dec 2022 23:59
 Operator : JC/MD
 Sample : N5916-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N29

Quant Time: Dec 08 04:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

12/08/2022

Supervised By :Mahesh
 Dadoda

12/09/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221001	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	151182	5.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.600	65	83854	3.901	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.916	69	75314	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	32370	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.629	46	217313	55.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.540%
24) Chloroform-d	5.063	84	150750	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	79112	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.726	84	306127	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.690	67	101836	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.896	98	235028	3.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.179	79	30430	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.632	63	166308	50.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93857	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.211	152	142359	4.918	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%

Target Compounds

						Qvalue
5) Vinyl chloride	1.604	62	79896	3.324	ug/L	97
16) Methylene chloride	3.044	84	7063	0.326	ug/L	95
18) trans-1,2-Dichloroethene	3.356	96	71898	4.184	ug/L	93
19) 1,1-Dichloroethane	3.874	63	11262	0.364	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	736126	40.814	ug/L	99
27) 1,2-Dichloroethane	5.796	62	29396	1.529	ug/L	97
33) Benzene	5.774	78	371860	4.956	ug/L	100
42) Toluene	7.970	91	39057	0.506	ug/L	96
51) Chlorobenzene	9.446	112	7109212	144.477	ug/L	99
52) Ethylbenzene	9.568	91	11491	0.153	ug/L	100
53) m,p-Xylene	9.693	106	3443	0.119	ug/L	97
54) o-Xylene	10.098	106	8243	0.296	ug/L	80
60) Isopropylbenzene	10.481	105	12899m	0.136	ug/L	
62) 1,3,5-Trimethylbenzene	11.089	105	89165	1.175	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	726542	9.642	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	836003	17.241	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	17871132m	369.554	ug/L	
67) 1,2-Dichlorobenzene	12.208	146	32333160m	692.440	ug/L	
70) 1,2,4-trichlorobenzene	13.838	180	88310	3.373	ug/L	99

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72) 1,2,3-Trichlorobenzene	14.327	180	23060	0.895	ug/L	96

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

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