

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049901.D
 Acq On : 26 Jul 2022 05:56
 Operator : SY/MD
 Sample : N3870-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ17

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 06:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84315	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79527	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30156	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.912	69	27759	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.565	65	13765	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.642	46	140860	57.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.700%
24) Chloroform-d	5.063	84	75540	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.703	65	43780	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.726	84	131098	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.690	67	48921	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.899	98	104689	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.182	79	13532	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.636	63	66873	49.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43606	5.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	38044	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	1142	0.128	ug/L	99
3) Chloromethane	1.517	50	1527	0.139	ug/L	87
5) Vinyl chloride	1.601	62	1460	0.159	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	45255	8.219	ug/L	99
12) 1,1-Dichloroethene	2.578	96	6866	1.232	ug/L #	17
13) Acetone	2.665	43	7177m	4.858	ug/L	
17) Methyl tert-butyl Ether	3.366	73	1942	0.108	ug/L	96
19) 1,1-Dichloroethane	3.870	63	36566	2.627	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	43084	5.776	ug/L	94
25) Chloroform	5.089	83	19328	1.309	ug/L	100
27) 1,2-Dichloroethane	5.796	62	11584	1.142	ug/L #	93
31) Carbon tetrachloride	5.533	117	2743	0.303	ug/L	97
33) Benzene	5.777	78	2039	0.071	ug/L	100
34) Trichloroethene	6.542	95	647633	92.560	ug/L	98
47) Tetrachloroethene	8.555	164	13206	2.742	ug/L	96

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

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