

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039491.D
 Acq On : 14 Jul 2020 17:48
 Operator : SY/MD
 Sample : L3292-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT88

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 12:58:25 PM

Quant Time: Jul 15 07:33:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22960	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	24420	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	84981	7.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	158.40%#
20) 2-Butanone-d5	4.66	46	117409	47.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	5.09	84	48885	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.72	65	34279	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.75	84	102592	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.71	67	34877	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	93975	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.19	79	14682	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	83261	40.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34016	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36515	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	1195	0.209 ug/L	99
3) Chloromethane	1.53	50	2174	0.314 ug/L	93
5) Vinyl chloride	1.61	62	3199	0.417 ug/L #	76
9) Trichlorofluoromethane	2.15	101	11859	0.889 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	30615	5.596 ug/L	98
12) 1,1-Dichloroethene	2.59	96	78712	14.055 ug/L #	81
18) trans-1,2-Dichloroethene	3.37	96	850	0.137 ug/L	78
19) 1,1-Dichloroethane	3.89	63	22841	1.883 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	71943	10.348 ug/L	95
25) Chloroform	5.11	83	15878	1.296 ug/L	96
27) 1,2-Dichloroethane	5.81	62	4487	0.506 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	15525	1.419 ug/L	99
31) Carbon tetrachloride	5.54	117	2340	0.251 ug/L	96
33) Benzene	5.79	78	4865	0.175 ug/L	100
34) Trichloroethene	6.56	95	655718	91.313 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	901m	0.166 ug/L	
47) Tetrachloroethene	8.56	164	3164077	633.448 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	2568	0.207	ug/L	71
54) o-Xylene	10.10	106	1368	0.113	ug/L	62

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

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