

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041441.D
 Acq On : 30 Nov 2020 14:20
 Operator : SY/MD
 Sample : L4824-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

Quant Time: Dec 01 09:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 01:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64332	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64734	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	32928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20410	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.92	69	17434	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	65	10312	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.65	46	56642	40.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.50%
24) Chloroform-d	5.08	84	46899	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.71	65	30488	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	76513	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	23217	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.90	98	70367	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.18	79	12746	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	46339	46.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.72%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	22320	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.19	152	30442	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	19062	3.609	ug/L	97
6) Bromomethane	1.86	94	12368	3.842	ug/L	95
9) Trichlorofluoromethane	2.15	101	77167	7.481	ug/L	99
12) 1,1-Dichloroethene	2.59	96	14577	3.697	ug/L	91
13) Acetone	2.66	43	79356	78.003	ug/L	98
14) Carbon disulfide	2.80	76	63203	5.520	ug/L	100
16) Methylene chloride	3.06	84	10559	2.124	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	99466	8.220	ug/L	98
19) 1,1-Dichloroethane	3.88	63	69886	8.212	ug/L	96
21) 2-Butanone	4.73	43	147988	100.421	ug/L	94
27) 1,2-Dichloroethane	5.81	62	51398	6.816	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	77897	8.420	ug/L	97
30) Cyclohexane	5.40	56	72408	10.956	ug/L	92
34) Trichloroethene	6.55	95	26299	5.254	ug/L	98
35) Methylcyclohexane	6.77	83	45538	6.616	ug/L	94
37) 1,2-Dichloropropane	6.80	63	9498	2.056	ug/L	100
42) Toluene	7.97	91	161788	8.261	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.56	164	33508	8.994	ug/L	97
48) 2-Hexanone	8.69	43	147143	56.859	ug/L	99
50) 1,2-Dibromoethane	8.93	107	55366	15.503	ug/L	99
51) Chlorobenzene	9.45	112	137155	10.764	ug/L	97
52) Ethylbenzene	9.57	91	146419	6.610	ug/L	97
53) m,p-Xylene	9.70	106	110994	13.894	ug/L	95
54) o-Xylene	10.10	106	42493	5.507	ug/L	93
55) Styrene	10.11	104	75558	5.561	ug/L	95
59) Bromoform	10.29	173	14578	5.431	ug/L	98
60) Isopropylbenzene	10.48	105	74026	3.642	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	44514	4.341	ug/L	95
67) 1,2-Dichlorobenzene	12.21	146	121715	12.295	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	3840	3.976	ug/L	97
72) 1,2,3-Trichlorobenzene	14.32	180	62516	10.902	ug/L	99

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

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