

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041743.D
 Acq On : 22 Dec 2020 15:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Dec 23 04:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43882	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	44279	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.58	63	90994	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.66	46	150436	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	5.08	84	88609	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	48761	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	171556	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	53667	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	154580	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	23430	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	136475	47.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54316	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58143	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	57118	4.965 ug/L	100
3) Chloromethane	1.53	50	53263	4.765 ug/L	98
5) Vinyl chloride	1.61	62	63321	5.130 ug/L	98
6) Bromomethane	1.86	94	45717	5.925 ug/L	99
8) Chloroethane	1.94	64	42940	5.122 ug/L	95
9) Trichlorofluoromethane	2.15	101	95665	6.124 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54394	5.822 ug/L	97
12) 1,1-Dichloroethene	2.59	96	53077	5.762 ug/L	91
13) Acetone	2.67	43	93262	48.078 ug/L	100
14) Carbon disulfide	2.81	76	148589	4.667 ug/L	100
15) Methyl Acetate	2.97	43	22584	4.478 ug/L #	90
16) Methylene chloride	3.06	84	55465	5.041 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	124555	5.067 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	50562	5.306 ug/L	89
19) 1,1-Dichloroethane	3.89	63	89950	5.051 ug/L	97
21) 2-Butanone	4.74	43	155521	49.221 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	54506	5.176 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27035	5.588	ug/L	92
25) Chloroform	5.11	83	95657	5.334	ug/L	98
27) 1,2-Dichloroethane	5.81	62	61233	5.042	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	81499	5.445	ug/L	97
30) Cyclohexane	5.40	56	77334	4.610	ug/L	95
31) Carbon tetrachloride	5.54	117	70567	5.452	ug/L	95
33) Benzene	5.79	78	212581	5.100	ug/L	100
34) Trichloroethene	6.55	95	54843	5.236	ug/L	93
35) Methylcyclohexane	6.77	83	81081	4.789	ug/L	96
37) 1,2-Dichloropropane	6.80	63	53568	5.024	ug/L	98
38) Bromodichloromethane	7.12	83	69599	5.247	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	76953	4.871	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	358076	47.197	ug/L	96
42) Toluene	7.98	91	224927	5.227	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	72070	5.101	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	43404	5.505	ug/L	98
47) Tetrachloroethene	8.56	164	42057	5.736	ug/L	97
48) 2-Hexanone	8.69	43	271698	49.207	ug/L	98
49) Dibromochloromethane	8.82	129	50333	5.557	ug/L	98
50) 1,2-Dibromoethane	8.93	107	42339	5.428	ug/L	97
51) Chlorobenzene	9.45	112	142131	5.313	ug/L	97
52) Ethylbenzene	9.57	91	230401	5.028	ug/L	98
53) m,p-Xylene	9.69	106	90423	5.291	ug/L	97
54) o-Xylene	10.10	106	87528	5.229	ug/L	94
55) Styrene	10.11	104	150699	5.211	ug/L	100
56) Isopropylbenzene	10.48	105	230776	5.179	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	57375	5.229	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	41862	5.228	ug/L	99
61) Bromoform	10.29	173	30068	5.809	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	111452	5.322	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	109581	5.204	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	108109	5.272	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9693	5.040	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	80617	5.071	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61816	4.634	ug/L	98
69) Naphthalene	14.07	128	109694	3.972	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	59434	4.674	ug/L	98

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

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