

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037763.D
 Acq On : 16 Apr 2020 18:46
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Apr 17 01:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82348	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	75161	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	155822	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.66	46	302087	54.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	5.10	84	152987	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	94081	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	315367	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	109505	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.92	98	280025	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	46581	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.65	63	273368	52.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91074	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	109656	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	118986	5.124	ug/L 98
3) Chloromethane	1.53	50	132178	4.604	ug/L 97
5) Vinyl chloride	1.62	62	137082	4.860	ug/L 100
6) Bromomethane	1.87	94	56677	3.500	ug/L 99
8) Chloroethane	1.95	64	78091	4.716	ug/L 99
9) Trichlorofluoromethane	2.16	101	146118	4.828	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	84496	4.795	ug/L 98
12) 1,1-Dichloroethene	2.60	96	82945	4.491	ug/L 92
13) Acetone	2.65	43	169274	46.155	ug/L 96
14) Carbon disulfide	2.82	76	301540	4.471	ug/L 100
15) Methyl Acetate	2.98	43	49117	4.817	ug/L 97
16) Methylene chloride	3.08	84	95319	4.577	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	250089	4.676	ug/L 97
18) trans-1,2-Dichloroethene	3.38	96	93465	4.667	ug/L 96
19) 1,1-Dichloroethane	3.91	63	191177	4.936	ug/L 99
21) 2-Butanone	4.74	43	320940	48.164	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	102788	4.751	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	42962	4.685	ug/L	95
25) Chloroform	5.13	83	184832	5.023	ug/L	99
27) 1,2-Dichloroethane	5.83	62	127528	5.128	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	153144	4.917	ug/L	99
30) Cyclohexane	5.42	56	190380	4.938	ug/L	98
31) Carbon tetrachloride	5.56	117	122563	4.938	ug/L	100
33) Benzene	5.81	78	406325	4.791	ug/L	100
34) Trichloroethene	6.57	95	109327	5.245	ug/L	98
35) Methylcyclohexane	6.79	83	177837	4.868	ug/L	97
37) 1,2-Dichloropropane	6.82	63	110521	4.913	ug/L	99
38) Bromodichloromethane	7.13	83	131662	4.922	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	169285	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	807624	48.835	ug/L	99
42) Toluene	7.99	91	433598	4.880	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	144916	4.741	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	72202	4.763	ug/L	99
47) Tetrachloroethene	8.57	164	71948	4.803	ug/L	97
48) 2-Hexanone	8.71	43	579205	48.917	ug/L	98
49) Dibromochloromethane	8.83	129	84169	4.859	ug/L	98
50) 1,2-Dibromoethane	8.95	107	68580	4.705	ug/L #	98
51) Chlorobenzene	9.47	112	261277	4.820	ug/L	98
52) Ethylbenzene	9.59	91	480716	4.864	ug/L	99
53) m,p-Xylene	9.71	106	182962	4.891	ug/L	98
54) o-Xylene	10.12	106	176339	4.789	ug/L	99
55) Styrene	10.13	104	306171	4.865	ug/L	98
56) Isopropylbenzene	10.50	105	475891	4.928	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	94158	4.772	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	70225	4.770	ug/L	99
61) Bromoform	10.31	173	48273	4.551	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	207067	4.631	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	210201	4.687	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	194563	4.622	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17157	4.397	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	156539	4.774	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	141285	4.694	ug/L	100
69) Naphthalene	14.11	128	269813	4.427	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	127238	4.745	ug/L	99

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

