

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031620\
 Data File : VU037293.D
 Acq On : 16 Mar 2020 14:32
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV05

Quant Time: Mar 16 19:03:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 18:59:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	142392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	140600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	70191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34623	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	31567	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.59	63	76467	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.68	46	110000	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.11	84	82089	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	46266	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.76	84	143530	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	46710	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	139585	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	21199	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.66	63	95469	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41201	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	53603	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	76924	4.67	ug/L	100
3) Chloromethane	1.53	50	71398	4.41	ug/L	99
5) Vinyl chloride	1.62	62	66774	4.61	ug/L	100
6) Bromomethane	1.87	94	35083	4.76	ug/L	98
8) Chloroethane	1.95	64	36723	4.40	ug/L	98
9) Trichlorofluoromethane	2.16	101	102470	4.69	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47710	4.72	ug/L	100
12) 1,1-Dichloroethene	2.60	96	43017	4.71	ug/L	99
13) Acetone	2.67	43	92535	48.81	ug/L	99
14) Carbon disulfide	2.82	76	134417	4.57	ug/L	99
15) Methyl Acetate	2.99	43	21984	5.04	ug/L	99
16) Methylene chloride	3.08	84	48622	4.43	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	123999	4.73	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	45250	4.60	ug/L	99
19) 1,1-Dichloroethane	3.91	63	92364	4.66	ug/L	96
21) 2-Butanone	4.76	43	146128	48.27	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	50729	4.65	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	22868	4.62	ug/L	97
25) Chloroform	5.13	83	98827	4.58	ug/L	100
27) 1,2-Dichloroethane	5.83	62	69001	4.55	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	88756	4.62	ug/L	99
30) Cyclohexane	5.42	56	78616	4.56	ug/L	99
31) Carbon tetrachloride	5.56	117	79372	4.69	ug/L	98
33) Benzene	5.81	78	196890	4.66	ug/L	100
34) Trichloroethene	6.57	95	54281	4.71	ug/L	97
35) Methylcyclohexane	6.79	83	83493	4.79	ug/L	97
37) 1,2-Dichloropropane	6.82	63	52806	4.73	ug/L	100
38) Bromodichloromethane	7.14	83	71347	4.54	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	75790	4.51	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	357230	47.43	ug/L	99
42) Toluene	8.00	91	218730	4.80	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	66976	4.76	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	37089	4.61	ug/L	98
47) Tetrachloroethene	8.58	164	42624	4.76	ug/L	98
48) 2-Hexanone	8.71	43	258232	46.70	ug/L	98
49) Dibromochloromethane	8.84	129	49708	4.73	ug/L	97
50) 1,2-Dibromoethane	8.95	107	35603	4.55	ug/L	94
51) Chlorobenzene	9.47	112	134965	4.59	ug/L	98
52) Ethylbenzene	9.59	91	242792	4.70	ug/L	98
53) m,p-Xylene	9.71	106	89224	4.70	ug/L	97
54) o-Xylene	10.12	106	86436	4.77	ug/L	95
55) Styrene	10.13	104	144046	4.72	ug/L	98
56) Isopropylbenzene	10.50	105	240071	4.74	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	48010	4.52	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	35668	4.50	ug/L	98
61) Bromoform	10.31	173	28166	4.55	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	110581	4.69	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	107694	4.59	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	105667	4.61	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	8538	4.78	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	84773	4.72	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	58439	4.68	ug/L	98
69) Naphthalene	14.12	128	78439	4.39	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	56354	4.66	ug/L	98

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

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