

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120420\
 Data File : VU041464.D
 Acq On : 04 Dec 2020 11:16
 Operator : SY/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Dec 05 04:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 04:54:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	63929	18.79	ug/L	0.00
7) Chloroethane-d5	1.92	69	55528	19.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	157088	19.36	ug/L	0.00
20) 2-Butanone-d5	4.65	46	264609	225.31	ug/L	0.00
24) Chloroform-d	5.08	84	176438	19.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	114196	19.40	ug/L	0.00
32) Benzene-d6	5.74	84	267561	20.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	80710	21.01	ug/L	0.00
41) Toluene-d8	7.91	98	269008	21.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	50581	22.64	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	222843	254.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	90816	21.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	129864	20.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	111318	18.023	ug/L 98
3) Chloromethane	1.53	50	71792	18.221	ug/L 98
5) Vinyl chloride	1.61	62	84917	19.088	ug/L 99
6) Bromomethane	1.87	94	61311	20.046	ug/L 96
8) Chloroethane	1.94	64	52419	17.395	ug/L 96
9) Trichlorofluoromethane	2.15	101	195034	19.671	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	83795	20.194	ug/L 98
12) 1,1-Dichloroethene	2.59	96	73079	19.945	ug/L 87
13) Acetone	2.66	43	190020	208.335	ug/L 96
14) Carbon disulfide	2.81	76	225692	21.793	ug/L 98
15) Methyl Acetate	2.97	43	36441	19.291	ug/L 98
16) Methylene chloride	3.06	84	80209	15.213	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	241511	20.902	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	76705	20.068	ug/L 92
19) 1,1-Dichloroethane	3.89	63	143269	19.541	ug/L 99
21) 2-Butanone	4.73	43	264537	220.619	ug/L 96
22) cis-1,2-Dichloroethene	4.68	96	86973	20.675	ug/L 94
23) Bromochloromethane	4.99	128	44265	20.548	ug/L 93
25) Chloroform	5.11	83	175254	19.254	ug/L 98
27) 1,2-Dichloroethane	5.81	62	137413	19.480	ug/L 99
29) 1,1,1-Trichloroethane	5.33	97	176913	20.359	ug/L 99
30) Cyclohexane	5.40	56	116584	22.211	ug/L 94
31) Carbon tetrachloride	5.54	117	166621	21.272	ug/L 99
33) Benzene	5.79	78	306820	20.247	ug/L 100
34) Trichloroethene	6.55	95	94247	21.056	ug/L 98
35) Methylcyclohexane	6.77	83	138597	23.437	ug/L 99
37) 1,2-Dichloropropane	6.80	63	74032	19.522	ug/L 98
38) Bromodichloromethane	7.11	83	135113	20.737	ug/L 99
39) cis-1,3-Dichloropropene	7.61	75	139933	22.579	ug/L 95
40) 4-Methyl-2-pentanone	7.80	43	663891	238.682	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	359981	21.641	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	141226	21.836	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	67428	20.524	ug/L	95
47) Tetrachloroethene	8.56	164	71850	21.267	ug/L	96
48) 2-Hexanone	8.69	43	520597	243.034	ug/L	99
49) Dibromochloromethane	8.82	129	96633	21.113	ug/L	95
50) 1,2-Dibromoethane	8.93	107	69711	21.532	ug/L #	95
51) Chlorobenzene	9.45	112	230193	20.334	ug/L	97
52) Ethylbenzene	9.57	91	424667	21.912	ug/L	98
53) m,p-Xylene	9.69	106	154673	21.794	ug/L	97
54) o-Xylene	10.10	106	150100	22.475	ug/L	98
55) Styrene	10.11	104	263516	21.970	ug/L	100
56) Isopropylbenzene	10.48	105	431680	22.452	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	90434	21.734	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	72184	20.839	ug/L	99
61) Bromoform	10.29	173	62219	19.603	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	215613	19.820	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	215715	19.705	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	217120	20.437	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	21548	20.667	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	175589	20.866	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	152735	22.423	ug/L	99
69) Naphthalene	14.08	128	277544	24.531	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	132005	20.911	ug/L	96

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

