

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038134.D
 Acq On : 13 May 2020 09:54
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: May 14 01:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 11:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	381329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	370371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	182973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167864	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	135985	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	272239	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.68	46	478321	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	5.10	84	256627	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	147404	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	532568	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	172615	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	492968	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.20	79	72401	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.66	63	352849	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	145495	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	177071	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	163644	4.692 ug/L	97
3) Chloromethane	1.53	50	180651	4.298 ug/L	100
5) Vinyl chloride	1.62	62	184845	4.488 ug/L	100
6) Bromomethane	1.88	94	101453	4.327 ug/L	98
8) Chloroethane	1.95	64	110681	4.369 ug/L	98
9) Trichlorofluoromethane	2.16	101	198758	4.720 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	123622	4.736 ug/L	99
12) 1,1-Dichloroethene	2.61	96	122686	4.636 ug/L	94
13) Acetone	2.68	43	295072	54.650 ug/L	99
14) Carbon disulfide	2.82	76	407860	4.321 ug/L	99
15) Methyl Acetate	2.99	43	72264	4.785 ug/L	97
16) Methylene chloride	3.08	84	139058	4.508 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	333321	4.533 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	133154	4.609 ug/L	99
19) 1,1-Dichloroethane	3.91	63	253752	4.497 ug/L	98
21) 2-Butanone	4.76	43	508264	53.333 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	145535	4.675 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	62698	4.680	ug/L	99
25) Chloroform	5.13	83	244574	4.647	ug/L	100
27) 1,2-Dichloroethane	5.83	62	172584	4.645	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	202057	4.762	ug/L	99
30) Cyclohexane	5.42	56	240837	4.807	ug/L	99
31) Carbon tetrachloride	5.56	117	163899	4.806	ug/L	99
33) Benzene	5.81	78	562597	4.743	ug/L	100
34) Trichloroethene	6.57	95	137822	4.646	ug/L	98
35) Methylcyclohexane	6.79	83	241492	5.026	ug/L	94
37) 1,2-Dichloropropane	6.82	63	147435	4.577	ug/L	99
38) Bromodichloromethane	7.13	83	173897	4.669	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	221359	4.801	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1131550	50.679	ug/L	99
42) Toluene	8.00	91	588576	4.701	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	189101	4.823	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	108338	4.843	ug/L	98
47) Tetrachloroethene	8.58	164	100666	4.852	ug/L	100
48) 2-Hexanone	8.71	43	843936	51.612	ug/L	98
49) Dibromochloromethane	8.84	129	112786	4.858	ug/L	99
50) 1,2-Dibromoethane	8.95	107	101695	4.898	ug/L #	100
51) Chlorobenzene	9.47	112	369732	4.758	ug/L	99
52) Ethylbenzene	9.59	91	645035	4.756	ug/L	99
53) m,p-Xylene	9.71	106	249524	4.798	ug/L	100
54) o-Xylene	10.12	106	240710	4.787	ug/L	98
55) Styrene	10.13	104	406388	4.815	ug/L	99
56) Isopropylbenzene	10.50	105	628054	4.863	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	140467	4.945	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	107917	4.991	ug/L	99
61) Bromoform	10.31	173	61113	4.941	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	287649	4.832	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	291517	4.832	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	275363	4.808	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	23295	4.976	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	214033	4.954	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	192870	4.923	ug/L	99
69) Naphthalene	14.12	128	404507	4.904	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	177706	4.880	ug/L	99

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

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