

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041803.D
 Acq On : 24 Dec 2020 13:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Dec 25 03:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 15:37:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	147948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44631	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.92	69	45918	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	92312	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.65	46	188273	56.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	5.08	84	102436	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.71	65	58096	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	192506	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.70	67	63887	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.90	98	153951	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.18	79	25667	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	143662	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56539	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	62040	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	57835	4.614	ug/L	97
3) Chloromethane	1.52	50	56090	4.606	ug/L	99
5) Vinyl chloride	1.61	62	67358	5.009	ug/L	98
6) Bromomethane	1.86	94	47245	5.620	ug/L	99
8) Chloroethane	1.94	64	46477	5.089	ug/L	99
9) Trichlorofluoromethane	2.15	101	98057	5.762	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56392	5.541	ug/L	96
12) 1,1-Dichloroethene	2.59	96	53691	5.350	ug/L	93
13) Acetone	2.65	43	112960	53.451	ug/L	97
14) Carbon disulfide	2.80	76	166248	4.793	ug/L	98
15) Methyl Acetate	2.96	43	27457	4.997	ug/L	95
16) Methylene chloride	3.06	84	64206	5.356	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	142523	5.322	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	54087	5.210	ug/L	98
19) 1,1-Dichloroethane	3.88	63	104849	5.404	ug/L	97
21) 2-Butanone	4.73	43	180938	52.563	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	61384	5.350	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	29823	5.659	ug/L	92
25) Chloroform	5.10	83	106453	5.448	ug/L	96
27) 1,2-Dichloroethane	5.81	62	69332	5.240	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	88953	5.860	ug/L	98
30) Cyclohexane	5.40	56	86588	5.089	ug/L	96
31) Carbon tetrachloride	5.54	117	78189	5.957	ug/L	98
33) Benzene	5.78	78	232310	5.495	ug/L	100
34) Trichloroethene	6.55	95	61545	5.793	ug/L	99
35) Methylcyclohexane	6.77	83	88884	5.176	ug/L	99
37) 1,2-Dichloropropane	6.80	63	61572	5.694	ug/L	100
38) Bromodichloromethane	7.11	83	74414	5.531	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	79810	4.981	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	344596	44.783	ug/L #	96
42) Toluene	7.97	91	227429	5.211	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	72655	5.070	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	42484	5.312	ug/L	97
47) Tetrachloroethene	8.56	164	43257	5.817	ug/L	95
48) 2-Hexanone	8.69	43	261620	46.718	ug/L #	98
49) Dibromochloromethane	8.81	129	51007	5.553	ug/L	100
50) 1,2-Dibromoethane	8.92	107	42467	5.368	ug/L	98
51) Chlorobenzene	9.45	112	142742	5.261	ug/L	96
52) Ethylbenzene	9.57	91	233015	5.013	ug/L	98
53) m,p-Xylene	9.69	106	91570	5.283	ug/L	99
54) o-Xylene	10.10	106	90227	5.314	ug/L	97
55) Styrene	10.11	104	155896	5.316	ug/L	99
56) Isopropylbenzene	10.48	105	237020	5.245	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	54641	4.910	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	40605	5.000	ug/L	98
61) Bromoform	10.29	173	31190	5.757	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	114765	5.236	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	115451	5.239	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	114564	5.338	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	9447	4.694	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.21	180	83929	5.045	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	67144	4.809	ug/L	98
69) Naphthalene	14.07	128	118647	4.105	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	64898	4.877	ug/L	98

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

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