

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040957.D
 Acq On : 26 Oct 2020 21:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Oct 27 03:17:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25827	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	20569	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	50537	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.66	46	89727	51.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.08	84	46947	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	28083	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	86677	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	28942	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.90	98	78731	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.18	79	12293	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.64	63	67796	53.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25698	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27685	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	26964	4.673	ug/L	98
3) Chloromethane	1.53	50	28559	4.747	ug/L	99
5) Vinyl chloride	1.61	62	29434	4.959	ug/L	99
6) Bromomethane	1.87	94	12289	3.612	ug/L	99
8) Chloroethane	1.94	64	18483	4.915	ug/L	96
9) Trichlorofluoromethane	2.15	101	39150	4.853	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23331	4.934	ug/L	98
12) 1,1-Dichloroethene	2.59	96	22650	5.073	ug/L	97
13) Acetone	2.67	43	55808	46.684	ug/L	98
14) Carbon disulfide	2.81	76	71508	4.793	ug/L	98
15) Methyl Acetate	2.97	43	14236	5.204	ug/L	91
16) Methylene chloride	3.06	84	25263	4.856	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	56883	4.951	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	22164	4.885	ug/L	95
19) 1,1-Dichloroethane	3.89	63	44308	4.885	ug/L	97
21) 2-Butanone	4.74	43	93424	50.002	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	23863	5.099	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	11496	5.207	ug/L	95
25) Chloroform	5.11	83	45908	5.047	ug/L	100
27) 1,2-Dichloroethane	5.81	62	33655	4.968	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	38275	4.997	ug/L	96
30) Cyclohexane	5.40	56	37655	4.990	ug/L	99
31) Carbon tetrachloride	5.54	117	33423	4.928	ug/L	98
33) Benzene	5.79	78	95179	5.086	ug/L	100
34) Trichloroethene	6.55	95	23329	4.899	ug/L	97
35) Methylcyclohexane	6.77	83	34981	4.924	ug/L	98
37) 1,2-Dichloropropane	6.80	63	26046	5.144	ug/L	98
38) Bromodichloromethane	7.11	83	33020	5.027	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	33692	4.833	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	206653	51.186	ug/L	100
42) Toluene	7.97	91	99068	5.221	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	32007	4.906	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	18912	5.017	ug/L	94
47) Tetrachloroethene	8.56	164	17132	4.892	ug/L	98
48) 2-Hexanone	8.69	43	154113	50.696	ug/L	99
49) Dibromochloromethane	8.82	129	21775	4.974	ug/L	99
50) 1,2-Dibromoethane	8.93	107	17628	4.908	ug/L	95
51) Chlorobenzene	9.45	112	60688	5.044	ug/L	99
52) Ethylbenzene	9.57	91	100717	5.042	ug/L	99
53) m,p-Xylene	9.69	106	37835	5.194	ug/L	97
54) o-Xylene	10.10	106	35786	5.275	ug/L	99
55) Styrene	10.11	104	64639	5.348	ug/L	98
56) Isopropylbenzene	10.48	105	93145	5.106	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24633	4.976	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	18814	4.985	ug/L	98
61) Bromoform	10.29	173	11814	4.870	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	46612	5.129	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	47895	5.089	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	44733	4.988	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4505	5.126	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	30900	4.862	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	26840	5.098	ug/L	99
69) Naphthalene	14.08	128	46390	4.928	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	25314	5.217	ug/L	99

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

