

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091618\
 Data File : VU026792.D
 Acq On : 15 Sep 2018 21:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00545

Quant Time: Sep 15 23:37:39 2018
 Quant Title :
 QLast Update : Mon Sep 17 19:07:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123987	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	104696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	55196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45405	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	38125	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.28	63	90159	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	4.20	46	100938	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.65	84	80444	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	41606	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.34	84	160586	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.33	67	51436	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.57	98	147444	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.85	79	16813	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.32	63	70306	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38909	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	53867	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	70303	5.24	ug/L	100
3) Chloromethane	1.33	50	70901	5.35	ug/L	100
5) Vinyl chloride	1.40	62	70463	5.18	ug/L	100
6) Bromomethane	1.63	94	25506	3.77	ug/L	97
8) Chloroethane	1.70	64	44291	5.15	ug/L	96
9) Trichlorofluoromethane	1.89	101	88474	5.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	51108	5.21	ug/L	93
12) 1,1-Dichloroethene	2.29	96	47898	5.18	ug/L	81
13) Acetone	2.32	43	84106	45.51	ug/L	99
14) Carbon disulfide	2.48	76	168116	5.23	ug/L	99
15) Methyl Acetate	2.62	43	23732	4.90	ug/L	92
16) Methylene chloride	2.70	84	53738	4.78	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	114215	5.12	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	52593	5.18	ug/L	85
19) 1,1-Dichloroethane	3.45	63	101283	5.35	ug/L	97
21) 2-Butanone	4.28	43	148801	48.73	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	56925	5.19	ug/L	98
23) Bromochloromethane	4.55	128	23927	5.13	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.68	83	96430	5.28	ug/L	97
27) 1,2-Dichloroethane	5.41	62	61775	5.26	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	83446	5.54	ug/L	96
30) Cyclohexane	4.99	56	92440	5.44	ug/L	98
31) Carbon tetrachloride	5.13	117	72300	5.45	ug/L	100
33) Benzene	5.39	78	214114	5.47	ug/L	100
34) Trichloroethene	6.18	95	54677	5.48	ug/L	94
35) Methylcyclohexane	6.41	83	84147	5.18	ug/L	94
37) 1,2-Dichloropropane	6.44	63	57534	5.53	ug/L #	97
38) Bromodichloromethane	6.76	83	68881	5.42	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	67110	4.81	ug/L	97
40) 4-Methyl-2-pentanone	7.48	43	326879	53.31	ug/L #	96
42) Toluene	7.64	91	220719	5.57	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	56869	5.09	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	38432	5.50	ug/L	98
47) Tetrachloroethene	8.23	164	47356	5.44	ug/L	93
48) 2-Hexanone	8.37	43	239593	55.29	ug/L #	95
49) Dibromochloromethane	8.48	129	47262	5.48	ug/L	98
50) 1,2-Dibromoethane	8.59	107	35504	5.43	ug/L	98
51) Chlorobenzene	9.12	112	140800	5.29	ug/L	97
52) Ethylbenzene	9.25	91	216333	5.45	ug/L	98
53) m,p-xylene	9.38	106	86989	5.72	ug/L	91
54) o-xylene	9.78	106	81698	5.62	ug/L	97
55) Styrene	9.79	104	152716	5.97	ug/L	95
56) Isopropylbenzene	10.17	105	209698	5.53	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	47291	5.40	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	33653	5.50	ug/L	98
61) Bromoform	9.96	173	26300	5.02	ug/L #	98
62) 1,3-Dichlorobenzene	11.42	146	103178	5.19	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	113248	5.02	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	108181	5.20	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6825	5.17	ug/L	86
67) 1,3,5-Trichlorobenzene	12.89	180	83874	5.05	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	66045	4.87	ug/L	99
69) Naphthalene	13.75	128	90776	4.66	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	67638	5.24	ug/L	98

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

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