

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006657.D
 Acq On : 20 Jul 2018 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00571

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:15 PM

Quant Time: Jul 26 02:03:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85979	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	65098	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	174364	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.20%
20) 2-Butanone-d5	3.95	46	125158	33.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.26%
24) Chloroform-d	4.40	84	152972	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	70973	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	325518	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	101366	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	307406	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	7.67	79	34113	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.14	63	151982	47.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70780	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	104845	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	131772m	5.59	ug/L
3) Chloromethane	1.26	50	107614	5.40	ug/L
5) Vinyl chloride	1.32	62	137403	5.34	ug/L
6) Bromomethane	1.52	94	36453	5.00	ug/L
8) Chloroethane	1.59	64	80835	5.47	ug/L
9) Trichlorofluoromethane	1.77	101	173627	5.62	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109499	5.66	ug/L
12) 1,1-Dichloroethene	2.14	96	101148	5.51	ug/L
13) Acetone	2.19	43	147261	50.83	ug/L
14) Carbon disulfide	2.32	76	327354	5.50	ug/L
15) Methyl Acetate	2.46	43	42602	5.01	ug/L
16) Methylene chloride	2.54	84	112112	4.86	ug/L
17) Methyl tert-butyl Ether	2.81	73	240542	5.31	ug/L
18) trans-1,2-Dichloroethene	2.79	96	110899	5.48	ug/L
19) 1,1-Dichloroethane	3.23	63	202925	5.68	ug/L
21) 2-Butanone	4.03	43	253498	52.24	ug/L
22) cis-1,2-Dichloroethene	3.96	96	117417	5.55	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	47256	5.48	ug/L	99
25) Chloroform	4.43	83	196295	5.71	ug/L	98
27) 1,2-Dichloroethane	5.19	62	110852	5.51	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	160030	5.64	ug/L	100
30) Cyclohexane	4.72	56	177837	5.61	ug/L	99
31) Carbon tetrachloride	4.88	117	136433	5.62	ug/L	100
33) Benzene	5.15	78	451900	5.66	ug/L	100
34) Trichloroethene	5.96	95	110547	5.47	ug/L	98
35) Methylcyclohexane	6.18	83	191484	5.68	ug/L	98
37) 1,2-Dichloropropane	6.22	63	114891	5.64	ug/L	100
38) Bromodichloromethane	6.56	83	124419	5.50	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	149842	5.60	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	574604	52.20	ug/L	99
42) Toluene	7.43	91	471287	5.71	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	113823	5.47	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	73730	5.38	ug/L	98
47) Tetrachloroethene	8.02	164	91445	5.64	ug/L	98
48) 2-Hexanone	8.19	43	410131	53.30	ug/L	99
49) Dibromochloromethane	8.30	129	80909	5.57	ug/L	100
50) 1,2-Dibromoethane	8.40	107	65388	5.31	ug/L	100
51) Chlorobenzene	8.93	112	300641	5.61	ug/L	98
52) Ethylbenzene	9.06	91	508247	5.74	ug/L	100
53) m,p-xylene	9.19	106	197173	5.85	ug/L	98
54) o-xylene	9.59	106	190608	5.80	ug/L	97
55) Styrene	9.61	104	323699	5.89	ug/L	99
56) Isopropylbenzene	9.98	105	501656	5.82	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88925	5.41	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63047	5.25	ug/L	100
61) Bromoform	9.78	173	39923	5.24	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	223926	5.57	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	225922	5.53	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	214104	5.56	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11864	5.19	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	176652	5.69	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	136817	5.55	ug/L	99
69) Naphthalene	13.56	128	218781	5.13	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127741	5.50	ug/L	99

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

