

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072118\
 Data File : VV006678.D
 Acq On : 21 Jul 2018 10:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00573

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:38 PM

Quant Time: Jul 22 23:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 21 00:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72138	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	57837	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	151403	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.94	46	144980	42.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	4.40	84	138587	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.09	65	63644	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	283311	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	89425	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	266322	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	29048	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	143420	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65165	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	91750	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	119987	5.66	ug/L	97
3) Chloromethane	1.26	50	96541	5.38	ug/L	99
5) Vinyl chloride	1.32	62	123254	5.32	ug/L	92
6) Bromomethane	1.52	94	26105m	3.98	ug/L	
8) Chloroethane	1.59	64	71301	5.36	ug/L	100
9) Trichlorofluoromethane	1.77	101	157398	5.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99486	5.71	ug/L	99
12) 1,1-Dichloroethene	2.14	96	90983	5.51	ug/L	92
13) Acetone	2.19	43	137377	52.70	ug/L	98
14) Carbon disulfide	2.32	76	284891	5.32	ug/L	100
15) Methyl Acetate	2.46	43	40223	5.26	ug/L	98
16) Methylene chloride	2.54	84	101027	4.86	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	221280	5.43	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	99880	5.49	ug/L	99
19) 1,1-Dichloroethane	3.23	63	184506	5.74	ug/L	99
21) 2-Butanone	4.03	43	225990	51.76	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	105757	5.55	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42907	5.53	ug/L	100
25) Chloroform	4.43	83	177994	5.75	ug/L	99
27) 1,2-Dichloroethane	5.19	62	101827	5.63	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	147032	5.63	ug/L	99
30) Cyclohexane	4.72	56	154132	5.28	ug/L	99
31) Carbon tetrachloride	4.88	117	125688	5.62	ug/L	100
33) Benzene	5.15	78	406046	5.52	ug/L	100
34) Trichloroethene	5.96	95	99111	5.33	ug/L	99
35) Methylcyclohexane	6.18	83	168700	5.43	ug/L	99
37) 1,2-Dichloropropane	6.22	63	104305	5.56	ug/L	100
38) Bromodichloromethane	6.56	83	115887	5.56	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	134431	5.45	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	530293	52.28	ug/L	100
42) Toluene	7.43	91	425371	5.60	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	103254	5.38	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	68221	5.40	ug/L	97
47) Tetrachloroethene	8.02	164	82826	5.54	ug/L	98
48) 2-Hexanone	8.19	43	370911	52.31	ug/L	100
49) Dibromochloromethane	8.30	129	74707	5.59	ug/L	99
50) 1,2-Dibromoethane	8.40	107	60365	5.32	ug/L	100
51) Chlorobenzene	8.93	112	271205	5.49	ug/L	99
52) Ethylbenzene	9.06	91	450602	5.52	ug/L	100
53) m,p-xylene	9.19	106	175651	5.66	ug/L	100
54) o-xylene	9.59	106	169500	5.60	ug/L	97
55) Styrene	9.61	104	292288	5.77	ug/L	99
56) Isopropylbenzene	9.98	105	447709	5.64	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	82026	5.42	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	58156	5.26	ug/L	100
61) Bromoform	9.78	173	37175	5.39	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	198536	5.46	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	201788	5.46	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	193227	5.54	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10515	5.08	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	158119	5.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	119859	5.38	ug/L	99
69) Naphthalene	13.56	128	192345	4.98	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	112704	5.37	ug/L	99

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

