

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\
 Data File : VV006704.D
 Acq On : 23 Jul 2018 18:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00580

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 2:37:47 PM

Quant Time: Jul 24 03:25:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 24 02:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63691	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.57	69	50300	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	127318	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.95	46	220879	54.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	4.41	84	129065	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.09	65	62070	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	245535	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	82588	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	218167	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.67	79	27197	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.14	63	181922	54.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68109	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	83746	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	115380m	5.150	ug/L
3) Chloromethane	1.26	50	98022	5.153	ug/L
5) Vinyl chloride	1.32	62	123006	5.163	ug/L
6) Bromomethane	1.52	94	28719	4.925	ug/L
8) Chloroethane	1.59	64	66037	5.064	ug/L
9) Trichlorofluoromethane	1.77	101	141550	5.179	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87396	5.247	ug/L
12) 1,1-Dichloroethene	2.14	96	82777	5.075	ug/L
13) Acetone	2.19	43	132060	51.266	ug/L
14) Carbon disulfide	2.31	76	276357	5.039	ug/L
15) Methyl Acetate	2.46	43	39719	5.201	ug/L
16) Methylene chloride	2.54	84	91411	4.889	ug/L
17) Methyl tert-butyl Ether	2.81	73	206878	5.171	ug/L
18) trans-1,2-Dichloroethene	2.79	96	91965	5.191	ug/L
19) 1,1-Dichloroethane	3.23	63	169100	5.189	ug/L
21) 2-Butanone	4.04	43	225231	52.201	ug/L
22) cis-1,2-Dichloroethene	3.96	96	95158	5.151	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	39525	5.200	ug/L	98
25) Chloroform	4.43	83	155217	5.076	ug/L	100
27) 1,2-Dichloroethane	5.19	62	92084	5.133	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	128381	5.159	ug/L	100
30) Cyclohexane	4.72	56	144951	5.202	ug/L	100
31) Carbon tetrachloride	4.88	117	110677	5.203	ug/L	100
33) Benzene	5.15	78	367288	5.282	ug/L	100
34) Trichloroethene	5.96	95	91851	5.232	ug/L	99
35) Methylcyclohexane	6.18	83	155206	5.293	ug/L	99
37) 1,2-Dichloropropane	6.23	63	91764	5.141	ug/L	100
38) Bromodichloromethane	6.56	83	103279	5.180	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	120026	5.162	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	522363	53.232	ug/L	99
42) Toluene	7.44	91	379278	5.297	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	95663	5.232	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	63322	5.267	ug/L	99
47) Tetrachloroethene	8.02	164	73440	5.267	ug/L	99
48) 2-Hexanone	8.19	43	373120	54.493	ug/L	100
49) Dibromochloromethane	8.30	129	66155	5.199	ug/L	99
50) 1,2-Dibromoethane	8.40	107	56815	5.288	ug/L	98
51) Chlorobenzene	8.93	112	242674	5.210	ug/L	100
52) Ethylbenzene	9.06	91	401097	5.255	ug/L	99
53) m,p-xylene	9.19	106	154540	5.363	ug/L	100
54) o-xylene	9.59	106	150963	5.378	ug/L	98
55) Styrene	9.61	104	257997	5.449	ug/L	98
56) Isopropylbenzene	9.98	105	389768	5.347	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	75832	5.156	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	56294	5.358	ug/L	98
61) Bromoform	9.78	173	33732	5.066	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	175038	5.168	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	179760	5.208	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	171678	5.204	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10104	5.118	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	135389	5.236	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	106058	5.163	ug/L	99
69) Naphthalene	13.56	128	186427	5.304	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	104566	5.379	ug/L	100

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

