

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
 Data File : VR025803.D
 Acq On : 21 Sep 2018 16:21
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV24

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:10:13 PM

Quant Time: Sep 22 04:32:08 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Sep 21 16:31:29 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511679	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	411308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	175484	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	2.63	69	136177	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.61	63	438403	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	6.59	46	227453	46.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	7.20	84	378897	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	7.89	65	157603	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.85	84	743736	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	8.89	67	196179	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	659669	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	10.23	79	55303	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	10.59	63	189012	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79704	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	125225	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	281591	5.284	ug/L 99
3) Chloromethane	2.01	50	283519	4.887	ug/L 97
5) Vinyl chloride	2.16	62	267249	4.863	ug/L 95
6) Bromomethane	2.52	94	149604	4.789	ug/L 97
8) Chloroethane	2.66	64	150908	4.833	ug/L 96
9) Trichlorofluoromethane	2.93	101	342864m	5.031	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	200199	4.822	ug/L 100
12) 1,1-Dichloroethene	3.63	96	219304	4.968	ug/L 82
13) Acetone	3.69	43	140823	43.692	ug/L 95
14) Carbon disulfide	3.93	76	636590	5.126	ug/L 99
15) Methyl Acetate	4.19	43	50409	4.875	ug/L 100
16) Methylene chloride	4.40	84	185578	4.676	ug/L 94
17) Methyl tert-butyl Ether	4.89	73	368192	4.769	ug/L 99
18) trans-1,2-Dichloroethene	4.89	96	249824	5.003	ug/L 98
19) 1,1-Dichloroethane	5.69	63	494886	4.847	ug/L 96
21) 2-Butanone	6.69	43	308471	45.921	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	243900	4.849	ug/L # 92

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 QLast Update : Fri Sep 21 16:31:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	65655	4.953	ug/L	88
25) Chloroform	7.23	83	456143	4.859	ug/L	99
27) 1,2-Dichloroethane	7.99	62	226600	4.670	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	410082	4.936	ug/L	99
30) Cyclohexane	7.52	56	482012	4.867	ug/L	99
31) Carbon tetrachloride	7.64	117	340887	4.987	ug/L	99
33) Benzene	7.90	78	1040489	4.819	ug/L	100
34) Trichloroethene	8.71	95	277188	4.837	ug/L	96
35) Methylcyclohexane	8.95	83	453137	4.822	ug/L	99
37) 1,2-Dichloropropane	9.00	63	229787	4.773	ug/L	100
38) Bromodichloromethane	9.28	83	257758	4.849	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	286862	4.867	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	797275	47.568	ug/L	99
42) Toluene	10.03	91	1066965	4.849	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	200708	4.914	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	95272	4.720	ug/L	95
47) Tetrachloroethene	10.51	164	158776	4.844	ug/L	93
48) 2-Hexanone	10.63	43	524977	47.627	ug/L	99
49) Dibromochloromethane	10.79	129	103015	4.899	ug/L	98
50) 1,2-Dibromoethane	10.89	107	86428	4.865	ug/L	98
51) Chlorobenzene	11.32	112	555543	4.812	ug/L	99
52) Ethylbenzene	11.39	91	1260480	4.978	ug/L	99
53) m,p-Xylene	11.50	106	448906	4.917	ug/L	97
54) o-Xylene	11.83	106	413240	4.943	ug/L	97
55) Styrene	11.84	104	643276	4.966	ug/L	99
56) Isopropylbenzene	12.13	105	1183667	5.059	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	99686	5.033	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	77459	4.926	ug/L	99
61) Bromoform	12.01	173	33270	4.684	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	337451	4.791	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	322957	4.751	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	252001	4.699	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	10055	4.101	ug/L	88
67) 1,3,5-Trichlorobenzene	14.29	180	185809	4.676	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	120237	4.756	ug/L	99
69) Naphthalene	15.00	128	178104	4.841	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	83544	4.652	ug/L	98

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

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