

Data File : VR025746.D
Acq On : 17 Sep 2018 15:47
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VICV10

Manual Integrations
APPROVED

MMDadoda
9/18/2018 7:00:16 PM

Quant Time: Sep 17 16:12:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 16:10:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	864074	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	712529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	279542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	202885	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	2.63	69	172003	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	3.63	63	522488	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	6.59	46	218276	58.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.96%
24) Chloroform-d	7.20	84	469134	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.90	65	165404	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	1126993	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	8.90	67	297722	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	9.97	98	1055888	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	10.23	79	66922	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	10.59	63	212695	55.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.52%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	123124	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	215511	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	216412	4.510 ug/L	98
3) Chloromethane	2.01	50	245207	4.451 ug/L	87
5) Vinyl chloride	2.18	62	250115	4.489 ug/L	86
6) Bromomethane	2.52	94	164636	4.211 ug/L	100
8) Chloroethane	2.66	64	149255	4.369 ug/L	95
9) Trichlorofluoromethane	2.93	101	456395m	4.434 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	253135	4.423 ug/L	96
12) 1,1-Dichloroethene	3.65	96	256118	4.623 ug/L	93
13) Acetone	3.70	43	152501	68.217 ug/L	85
14) Carbon disulfide	3.96	76	602656	4.552 ug/L	98
15) Methyl Acetate	4.19	43	45168	4.977 ug/L	95
16) Methylene chloride	4.40	84	226687m	4.495 ug/L	
17) Methyl tert-butyl Ether	4.89	73	306875	4.359 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	323384	4.640 ug/L	94
19) 1,1-Dichloroethane	5.69	63	525338	4.665 ug/L	97
21) 2-Butanone	6.69	43	315962	59.810 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	298573	4.906 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	92030	4.501	ug/L	93
25) Chloroform	7.23	83	479209	4.656	ug/L	91
27) 1,2-Dichloroethane	7.99	62	189969	4.584	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	350546	4.857	ug/L	98
30) Cyclohexane	7.52	56	499855	5.568	ug/L	99
31) Carbon tetrachloride	7.63	117	365525	5.043	ug/L	99
33) Benzene	7.91	78	1334383	5.049	ug/L	100
34) Trichloroethene	8.71	95	310763	4.960	ug/L	97
35) Methylcyclohexane	8.95	83	549826	5.568	ug/L	100
37) 1,2-Dichloropropane	8.99	63	293386	5.025	ug/L	99
38) Bromodichloromethane	9.28	83	255302	4.885	ug/L	91
39) cis-1,3-Dichloropropene	9.72	75	301868	5.303	ug/L	87
40) 4-Methyl-2-pentanone	9.87	43	790570	55.275	ug/L	97
42) Toluene	10.04	91	1425006	5.357	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	207788	5.212	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	126739	4.937	ug/L	92
47) Tetrachloroethene	10.51	164	248375	5.192	ug/L	95
48) 2-Hexanone	10.63	43	519327	50.069	ug/L	99
49) Dibromochloromethane	10.79	129	138402	4.843	ug/L	94
50) 1,2-Dibromoethane	10.89	107	99901	4.711	ug/L	98
51) Chlorobenzene	11.32	112	795784	4.865	ug/L	96
52) Ethylbenzene	11.39	91	1569338	5.356	ug/L	99
53) m,p-Xylene	11.50	106	605914	5.298	ug/L	98
54) o-Xylene	11.83	106	551629	5.529	ug/L	100
55) Styrene	11.84	104	860047	5.281	ug/L	97
56) Isopropylbenzene	12.13	105	1485074	5.622	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	123194	4.539	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	81322	4.404	ug/L	96
61) Bromoform	12.01	173	53048	4.491	ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	440343	4.950	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	474884	4.658	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	371590	4.752	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	9820	4.456	ug/L	93
67) 1,3,5-Trichlorobenzene	14.29	180	271939	5.098	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	160341	5.077	ug/L	95
69) Naphthalene	15.00	128	174999	4.924	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	123129	5.056	ug/L	96

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

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