

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091119\
 Data File : VR026616.D
 Acq On : 11 Sep 2019 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00567

Quant Time: Sep 12 08:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 08:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	526900	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	404461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	177233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	65579	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	2.63	69	57867	4.19	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	3.63	63	174232	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	6.61	46	148647	41.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.96%
24) Chloroform-d	7.23	84	248184	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.91	65	75524	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	7.88	84	479681	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	8.91	67	123840	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	9.99	98	387097	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.25	79	28982	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	10.60	63	93841	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	63313	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.53	152	105749	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	255378	4.790	ug/L 99
3) Chloromethane	2.05	50	137451	4.310	ug/L 95
5) Vinyl chloride	2.18	62	131342	4.351	ug/L 89
6) Bromomethane	2.53	94	77559	4.468	ug/L 90
8) Chloroethane	2.66	64	74007	4.328	ug/L 97
9) Trichlorofluoromethane	2.97	101	217156	4.777	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	103953	5.227	ug/L 97
12) 1,1-Dichloroethene	3.64	96	96618	4.687	ug/L 88
13) Acetone	3.73	43	93500	42.977	ug/L 99
14) Carbon disulfide	3.96	76	414684	5.033	ug/L 99
15) Methyl Acetate	4.22	43	37868	3.915	ug/L 97
16) Methylene chloride	4.43	84	187173	4.323	ug/L 94
17) Methyl tert-butyl Ether	4.93	73	229889	4.426	ug/L 98
18) trans-1,2-Dichloroethene	4.91	96	214081	4.813	ug/L 89
19) 1,1-Dichloroethane	5.72	63	383289	4.528	ug/L 99
21) 2-Butanone	6.71	43	195488	43.504	ug/L 100
22) cis-1,2-Dichloroethene	6.70	96	204226	4.666	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.07	128	54724	4.652	ug/L	85
25) Chloroform	7.25	83	343433	4.406	ug/L	99
27) 1,2-Dichloroethane	8.01	62	127780	4.481	ug/L #	94
29) 1,1,1-Trichloroethane	7.45	97	293931	4.811	ug/L	98
30) Cyclohexane	7.54	56	369191	5.069	ug/L	99
31) Carbon tetrachloride	7.66	117	246695	4.862	ug/L	99
33) Benzene	7.93	78	813002	4.546	ug/L	100
34) Trichloroethene	8.73	95	200373	4.537	ug/L	97
35) Methylcyclohexane	8.97	83	351597	5.289	ug/L	99
37) 1,2-Dichloropropane	9.02	63	158877	4.447	ug/L	100
38) Bromodichloromethane	9.30	83	165006	4.474	ug/L	96
39) cis-1,3-Dichloropropene	9.73	75	176229	4.536	ug/L	97
40) 4-Methyl-2-pentanone	9.88	43	445392	43.620	ug/L	97
42) Toluene	10.05	91	754493	4.716	ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	109165	4.523	ug/L	96
45) 1,1,2-Trichloroethane	10.46	97	67322	4.510	ug/L	97
47) Tetrachloroethene	10.53	164	122547	4.933	ug/L	96
48) 2-Hexanone	10.65	43	268893	44.294	ug/L	100
49) Dibromochloromethane	10.80	129	66892	4.298	ug/L	97
50) 1,2-Dibromoethane	10.90	107	55837	4.465	ug/L	98
51) Chlorobenzene	11.33	112	404340	4.687	ug/L	99
52) Ethylbenzene	11.41	91	875544	4.994	ug/L	99
53) m,p-Xylene	11.52	106	316793	4.933	ug/L	92
54) o-Xylene	11.84	106	307183	4.915	ug/L	99
55) Styrene	11.86	104	438716	5.090	ug/L	99
56) Isopropylbenzene	12.15	105	903588	5.196	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.40	83	72524	4.270	ug/L	97
59) 1,2,3-Trichloropropane	12.45	75	54352	4.413	ug/L	98
61) Bromoform	12.02	173	27932	4.291	ug/L	97
62) 1,3-Dichlorobenzene	13.18	146	294538	4.885	ug/L	97
63) 1,4-Dichlorobenzene	13.26	146	276890	4.770	ug/L	94
65) 1,2-Dichlorobenzene	13.55	146	239750	4.765	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	10552	4.120	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.31	180	246962	5.070	ug/L	98
68) 1,2,4-trichlorobenzene	14.80	180	177222	4.974	ug/L	99
69) Naphthalene	15.02	128	233534	4.661	ug/L	98
70) 1,2,3-Trichlorobenzene	15.20	180	139953	4.679	ug/L	98

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

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