

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015592.D
 Acq On : 21 Apr 2020 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Apr 22 00:05:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	149753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	141698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	72617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38094	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.57	69	34821	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	79896	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	3.94	46	111608	51.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.37	84	85361	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	45629	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	155735	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.09	67	48317	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.33	98	150429	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.64	79	19438	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.11	63	92336	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35484	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	55296	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	66765	4.504	ug/L 100
3) Chloromethane	1.24	50	57936	4.104	ug/L 97
5) Vinyl chloride	1.32	62	59692	4.391	ug/L 100
6) Bromomethane	1.53	94	29820	3.970	ug/L 100
8) Chloroethane	1.59	64	36526	4.634	ug/L 99
9) Trichlorofluoromethane	1.76	101	84995	4.888	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	47294	4.815	ug/L 99
12) 1,1-Dichloroethene	2.13	96	43502	4.628	ug/L 96
13) Acetone	2.23	43	89826	58.275	ug/L # 53
14) Carbon disulfide	2.30	76	124868	3.810	ug/L 100
15) Methyl Acetate	2.46	43	19487	4.273	ug/L 94
16) Methylene chloride	2.52	84	50742	4.608	ug/L 95
17) Methyl tert-butyl Ether	2.79	73	120324	4.789	ug/L 98
18) trans-1,2-Dichloroethene	2.77	96	49435	4.667	ug/L 98
19) 1,1-Dichloroethane	3.21	63	96595	4.837	ug/L 97
21) 2-Butanone	4.02	43	138446	55.581	ug/L # 73
22) cis-1,2-Dichloroethene	3.93	96	52705	4.792	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	22592	4.937	ug/L	93
25) Chloroform	4.40	83	99338	4.861	ug/L	96
27) 1,2-Dichloroethane	5.15	62	64324	4.868	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	90028	4.897	ug/L	99
30) Cyclohexane	4.70	56	86910	4.453	ug/L	99
31) Carbon tetrachloride	4.85	117	76024	4.751	ug/L	100
33) Benzene	5.12	78	202743	4.781	ug/L	100
34) Trichloroethene	5.93	95	55542	4.866	ug/L	98
35) Methylcyclohexane	6.15	83	88436	4.598	ug/L	99
37) 1,2-Dichloropropane	6.20	63	50754	4.825	ug/L	99
38) Bromodichloromethane	6.53	83	65276	4.654	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	72613	4.498	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	331778	48.035	ug/L	100
42) Toluene	7.41	91	218697	4.750	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	59839	4.384	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	34458	4.873	ug/L	96
47) Tetrachloroethene	7.99	164	40840	4.829	ug/L	97
48) 2-Hexanone	8.16	43	239052	49.535	ug/L	99
49) Dibromochloromethane	8.27	129	37417	4.418	ug/L	100
50) 1,2-Dibromoethane	8.37	107	32617	4.813	ug/L	98
51) Chlorobenzene	8.90	112	138067	4.704	ug/L	99
52) Ethylbenzene	9.03	91	248168	4.682	ug/L	100
53) m,p-xylene	9.16	106	93530	4.673	ug/L	100
54) o-xylene	9.56	106	90212	4.656	ug/L	97
55) Styrene	9.58	104	154254	4.737	ug/L	97
56) Isopropylbenzene	9.95	105	251852	4.741	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	40395	4.694	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	32034	4.925	ug/L	97
61) Bromoform	9.75	173	16143	3.790	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	114018	4.870	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	112963	4.741	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	101610	4.760	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	7331	4.488	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	84159	4.975	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	75895	4.980	ug/L	98
69) Naphthalene	13.53	128	129603	4.514	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	65995	4.902	ug/L	99

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

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