

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016312.D
 Acq On : 29 May 2020 06:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: May 29 07:17:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115713	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	110524	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30595	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	24009	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.13	63	61066	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	3.94	46	84552	45.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.74%
24) Chloroform-d	4.38	84	61254	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.06	65	32755	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.08	84	123820	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	36766	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.34	98	117450	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.64	79	13066	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	8.11	63	71081	49.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26747	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	41833	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	48352	4.747 ug/L	99
3) Chloromethane	1.25	50	44783	4.022 ug/L	99
5) Vinyl chloride	1.32	62	42956	4.239 ug/L	98
6) Bromomethane	1.53	94	15332	2.689 ug/L	97
8) Chloroethane	1.60	64	25488	4.502 ug/L	97
9) Trichlorofluoromethane	1.77	101	58647	4.476 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31627	4.429 ug/L	97
12) 1,1-Dichloroethene	2.14	96	30361	4.448 ug/L	92
13) Acetone	2.21	43	50796	44.515 ug/L	91
14) Carbon disulfide	2.31	76	88902	4.202 ug/L	99
15) Methyl Acetate	2.46	43	12546	4.303 ug/L	100
16) Methylene chloride	2.53	84	32276	4.125 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	76849	4.573 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	32144	4.304 ug/L	99
19) 1,1-Dichloroethane	3.21	63	69397	4.891 ug/L	98
21) 2-Butanone	4.02	43	99182	48.861 ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	40703	4.608 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	16306	4.863	ug/L	98
25) Chloroform	4.41	83	72064	4.799	ug/L	98
27) 1,2-Dichloroethane	5.16	62	43781	4.460	ug/L #	92
29) 1,1,1-Trichloroethane	4.63	97	61904	4.719	ug/L	99
30) Cyclohexane	4.70	56	67348	4.791	ug/L	99
31) Carbon tetrachloride	4.86	117	51294	4.615	ug/L	100
33) Benzene	5.13	78	151683	4.769	ug/L	100
34) Trichloroethene	5.94	95	40036	4.832	ug/L	99
35) Methylcyclohexane	6.15	83	64653	4.627	ug/L	98
37) 1,2-Dichloropropane	6.20	63	36926	4.734	ug/L	98
38) Bromodichloromethane	6.53	83	44870	4.675	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	48870	4.423	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	239359	49.319	ug/L	100
42) Toluene	7.41	91	166322	4.795	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	157080	4.975	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	158950	4.887	ug/L	97
46) trans-1,3-Dichloropropene	7.68	75	40067	4.365	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	24439	4.763	ug/L	97
49) Tetrachloroethene	8.00	164	28455	4.784	ug/L	98
50) 2-Hexanone	8.16	43	167808	49.580	ug/L	99
51) Dibromochloromethane	8.27	129	24943	4.590	ug/L	100
52) 1,2-Dibromoethane	8.38	107	23025	4.776	ug/L	96
53) Chlorobenzene	8.90	112	102968	4.804	ug/L	99
54) Ethylbenzene	9.03	91	187702	4.855	ug/L	100
55) m,p-xylene	9.16	106	70813	4.885	ug/L	97
56) o-xylene	9.56	106	67918	4.916	ug/L	98
57) Styrene	9.58	104	115375	5.018	ug/L	100
58) Isopropylbenzene	9.95	105	185990	4.915	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	30080	4.716	ug/L	97
62) Bromoform	9.75	173	10569	4.522	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	81234	4.897	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	82086	4.870	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	73107	4.876	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	4823	4.762	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	57812	4.925	ug/L	97
69) 1,2,4-trichlorobenzene	13.28	180	51496	4.996	ug/L	99
70) Naphthalene	13.52	128	542779	24.103	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	46712	5.025	ug/L	98

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

