

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017788.D
 Acq On : 31 Jul 2020 20:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Aug 01 04:53:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147335	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140088	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31393	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	27732	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	73571	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.93	46	71697	42.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.20%
24) Chloroform-d	4.37	84	77114	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	42768	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	127567	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.10	67	34793	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.34	98	125654	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.64	79	16610	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.11	63	52071	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24738	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54617	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	77968	4.829	ug/L 99
3) Chloromethane	1.25	50	48089	4.579	ug/L 94
5) Vinyl chloride	1.32	62	53628	5.095	ug/L 99
6) Bromomethane	1.53	94	33379	4.934	ug/L 99
8) Chloroethane	1.60	64	32545	5.356	ug/L 97
9) Trichlorofluoromethane	1.77	101	111122	5.902	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46755	5.318	ug/L 92
12) 1,1-Dichloroethene	2.13	96	46420	5.851	ug/L 94
13) Acetone	2.21	43	67153	50.969	ug/L # 55
14) Carbon disulfide	2.31	76	125647	5.209	ug/L 97
15) Methyl Acetate	2.45	43	13794	5.380	ug/L 92
16) Methylene chloride	2.52	84	46001	5.211	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	109522	5.386	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	47704	5.518	ug/L 97
19) 1,1-Dichloroethane	3.21	63	88603	4.874	ug/L 95
21) 2-Butanone	4.02	43	89677	40.309	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	51412	4.722	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	23975	4.779	ug/L	86
25) Chloroform	4.40	83	102890	5.043	ug/L	99
27) 1,2-Dichloroethane	5.16	62	69830	5.278	ug/L	95
29) 1,1,1-Trichloroethane	4.63	97	106162	5.417	ug/L	98
30) Cyclohexane	4.70	56	66516	4.283	ug/L	88
31) Carbon tetrachloride	4.85	117	97845	5.612	ug/L	99
33) Benzene	5.12	78	190289	4.799	ug/L	100
34) Trichloroethene	5.94	95	54570	4.927	ug/L	98
35) Methylcyclohexane	6.15	83	76133	4.544	ug/L	97
37) 1,2-Dichloropropane	6.20	63	42445	4.555	ug/L	99
38) Bromodichloromethane	6.53	83	71722	5.232	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	66627	4.740	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	216657	42.402	ug/L	98
42) Toluene	7.41	91	217004	5.017	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	219335	5.431	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	226584	5.491	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	61483	4.872	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	31665	4.480	ug/L	89
49) Tetrachloroethene	8.00	164	50047	5.125	ug/L	94
50) 2-Hexanone	8.16	43	158351	43.799	ug/L	97
51) Dibromochloromethane	8.27	129	45490	5.057	ug/L	100
52) 1,2-Dibromoethane	8.38	107	30507	4.574	ug/L	96
53) Chlorobenzene	8.90	112	144123	4.997	ug/L	99
54) Ethylbenzene	9.03	91	248584	5.133	ug/L	100
55) m,p-xylene	9.16	106	95726	5.248	ug/L	95
56) o-xylene	9.56	106	90639	5.121	ug/L	97
57) Styrene	9.58	104	157397	5.329	ug/L	98
58) Isopropylbenzene	9.95	105	258492	5.294	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	32936	4.277	ug/L	99
62) Bromoform	9.75	173	27441	5.404	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	129438	5.067	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	130262	5.081	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	115531	4.965	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	6825	4.690	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	105233	5.071	ug/L	97
69) 1,2,4-trichlorobenzene	13.28	180	84896	4.891	ug/L	99
70) Naphthalene	13.53	128	114875	4.747	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	73259	4.763	ug/L	96

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

