

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015849.D
 Acq On : 30 Apr 2020 21:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: May 01 01:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128376	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37406	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	33061	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.12	63	78829	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.40%
20) 2-Butanone-d5	3.94	46	104080	48.32	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.38	84	78170	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	42460	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	145788	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.10	67	43894	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	137763	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	16552	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.11	63	75844	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32562	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	48557	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58268	5.299	ug/L 99
3) Chloromethane	1.25	50	55314	5.815	ug/L 99
5) Vinyl chloride	1.32	62	55838	5.496	ug/L 99
6) Bromomethane	1.53	94	29020	6.653	ug/L 95
8) Chloroethane	1.60	64	36174	5.421	ug/L 98
9) Trichlorofluoromethane	1.77	101	83315	5.843	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45202	5.604	ug/L 97
12) 1,1-Dichloroethene	2.13	96	41705	5.582	ug/L 96
13) Acetone	2.23	43	85274	57.008	ug/L 98
14) Carbon disulfide	2.31	76	113789	5.387	ug/L 99
15) Methyl Acetate	2.46	43	20842	5.859	ug/L 97
16) Methylene chloride	2.52	84	50356	5.459	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	118856	5.667	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	46995	5.617	ug/L 98
19) 1,1-Dichloroethane	3.22	63	97951	5.963	ug/L 99
21) 2-Butanone	4.02	43	135437	58.701	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	50938	5.507	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21790	5.767	ug/L	97
25) Chloroform	4.41	83	102046	5.851	ug/L	97
27) 1,2-Dichloroethane	5.16	62	65526	5.719	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	88116	5.525	ug/L	99
30) Cyclohexane	4.70	56	79922	5.245	ug/L	99
31) Carbon tetrachloride	4.86	117	74266	5.623	ug/L	100
33) Benzene	5.13	78	202856	5.645	ug/L	100
34) Trichloroethene	5.94	95	53228	5.364	ug/L	99
35) Methylcyclohexane	6.15	83	79791	5.239	ug/L	99
37) 1,2-Dichloropropane	6.20	63	52087	5.703	ug/L	100
38) Bromodichloromethane	6.53	83	65534	5.651	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	68893	5.411	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	336532	56.773	ug/L	99
42) Toluene	7.41	91	218556	5.693	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	58756	5.492	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	35085	5.636	ug/L	99
47) Tetrachloroethene	8.00	164	38875	5.441	ug/L	98
48) 2-Hexanone	8.16	43	241144	57.046	ug/L	99
49) Dibromochloromethane	8.27	129	37781	5.864	ug/L	97
50) 1,2-Dibromoethane	8.38	107	31861	5.534	ug/L	96
51) Chlorobenzene	8.90	112	140549	5.588	ug/L	97
52) Ethylbenzene	9.03	91	247202	5.564	ug/L	100
53) m,p-xylene	9.16	106	89766	5.516	ug/L	99
54) o-xylene	9.57	106	87987	5.587	ug/L	96
55) Styrene	9.58	104	152658	5.713	ug/L	99
56) Isopropylbenzene	9.95	105	244810	5.541	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	41385	5.693	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	32986	5.657	ug/L	99
61) Bromoform	9.75	173	17223	6.539	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	110949	5.494	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	111343	5.467	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	103725	5.679	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6726	5.652	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.67	180	77626	5.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	69453	5.056	ug/L	100
69) Naphthalene	13.53	128	111406	4.532	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	61362	5.062	ug/L	98

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

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